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INTRODUCTION

Elevator Pitch Competition 2018

Elevator Pitch Competition, “EPiC” in short, is a fun-filled international start-up event organised by Hong Kong Science and Technology Parks Corporation. 100 start-ups will be selected to pitch their ideas in a 60-second elevator ride at the International Commerce Centre, the most iconic skyscraper in Hong Kong. They will compete for the chance to win an investment prize of not less than US$120,000!

ELEVATE 100 FLOORS IN 60 SEC
YOUR OPPORTUNITY TO DISRUPT

epic.hkstp.org
About Hong Kong Science and Technology Parks Corporation

Comprising Science Park, InnoCentre and Industrial Estates, Hong Kong Science and Technology Parks Corporation (HKSTP) is a statutory body dedicated to building a vibrant innovation and technology ecosystem to connect stakeholders, nurture technology talents, facilitate collaboration, and catalyse innovations to deliver social and economic benefits to Hong Kong and the region. Established in May 2001, HKSTP has been driving the development of Hong Kong into a regional hub for innovation and growth in several focused clusters including Biomedical Technology, Electronics, Green Technology, Information & Communications Technology, Material and Precision Engineering. We enable science and technology companies to nurture ideas, innovate and grow, supported by our R&D facilities, infrastructure, and market-led laboratories and technical centres with professional support services. We also offer value added services and comprehensive incubation programmes for technology start-ups to accelerate their growth. Technology businesses benefit from our specialised services and infrastructure at Science Park for applied research and product development; enterprises can find creative design support at InnoCentre; while skill-intensive businesses are served by our three industrial estates at Tai Po, Tseung Kwan O and Yuen Long.

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<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00pm</td>
<td>Elevator Pitch Competition (100 startups &amp; 12 kidtrepreneurs)</td>
</tr>
<tr>
<td>5:00pm</td>
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<tr>
<td>5:45pm</td>
<td>Opening &amp; Photo Moments</td>
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<tr>
<td>6:00pm</td>
<td>Finalists Pitch (10 startups &amp; 3 kidtrepreneurs)</td>
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<tr>
<td>6:00pm</td>
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<tr>
<td>7:45pm</td>
<td>Music x Networking</td>
</tr>
<tr>
<td>8:15pm</td>
<td>Prize Presentations</td>
</tr>
<tr>
<td>9:00pm</td>
<td>Party Ends</td>
</tr>
</tbody>
</table>

*Note: Information is subject to change without prior notice.*
JUDGES

Investor Judges

Samson Tam*
Hong Kong Business Angel Network (HKBAN)

Josee Ha
Bing Venture Limited

Damien Parenteau
CHANEL

Carman Chan
Click Ventures

Dominic Chan
Dark Horse Investment Limited

Ben Lo
FC Packaging Holding Limited

Alan Chow
Focus Capital Group / AI Lab

Harrison Li
FWD Life Insurance Company (Bermuda) Limited

Matthew Li
LUX CAPITAL

Simon Tang
ParticleX

Joseph Fung
Saltagen Ventures

Andre Lin
SpeedPixel Ventures

*Lead Investor Judge
Note: Arranged in alphabetical order of company name
Honorary Judges

Arthur Chang
UCO Cosmetic Limited

Wendy Wong
Wow Concepts, TOPFIT

Bong Chan
Deloitte China

MY Wong
Hong Kong Applied Science and Technology Research Institute (ASTRI)

Lilliana Choi
Jebsen Capital

Alexander Chan
Nan Fung
The Mills Fabrica

Andrew Young
Sino Group
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Contact us on enquiry.marketing@hkstp.org for further information!

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GLOBAL ACCELERATION ACADEMY

Connecting international start-ups with world-class enterprises to localise their innovations and achieve success in the Asian market

Global Acceleration Academy (GAA), by Hong Kong Science and Technology Parks Corporation (HKSTP), is an intensive business acceleration programme, which invites start-ups from around the world to Hong Kong to transform their technologies and products into practical solutions that have commercial and local value for Asia. The programme provides high-potential start-ups with a vast network, resources, and skills to thrive in the region and partners them with world-class industry leaders that accelerate bringing innovations to the real-world marketplace.

Start-ups are granted access to the city’s unique ecosystem as a financial and technology hub as well as opportunities that arise from being at the heart of the Greater Bay Area of China, with access to Southeast Asia and beyond. Excursions to neighboring cities such as Shenzhen, Taipei, and Singapore are offered to allow these start-ups to explore new connections and learn directly from government representatives and businesses in these local markets.

Any start-up related to one of seven verticals, including Real Estate, Travel & Hospitality, Logistics, FinTech & InsurTech, Consumer, Education and Smart City, is eligible to apply without restrictions or limitations on the duration of its business set-up. Selected GAA acceleratee are then immersed in vertical-specific programmes with a particular focus on localisation for the Asian market.

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Cyberport has developed into a mature and vibrant digital technology ecosystem

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www.cyberport.hk
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GL EVENTS HONG KONG

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300+ Startups
3,000+ Manufacturers
40,000+ Global Buyers and Retailers

4 Days of Exhibition and Conference
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The StartmeupHK Festival 2019 will take place from 21 - 25 January 2019. This celebration of technology innovation will bring together world-renowned speakers, ambitious founders, celebrated investors and industry stalwarts for five days of learning and sharing. Join us and experience the shaping of our collective future in Asia’s most exciting city.

Events will cover:

- Jumpstarter by Alibaba Entrepreneurs Fund
- tech[LIFE]style conf by The Mills & Startup LaunchPad
- The Connected City by KPMG
- Healthtech 020 by Nexchange
- Retail’s Cutting Edge by Inside Retail
- Startup Impact Summit by WHub & Zegal
- AI in EdTech by EdTech Asia

AND MORE
Conference | Startup Booths | Panel Discussions | Fireside Chats | Workshops | Demos | Hackathons | Job Fairs
Services Marketplace | Investor Pitches | Networking Meets

Festival Organiser

InvestHK | startmeup.hk

Find out more at startmeup.hk

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- Exclusive use of Victoria Harbour View zone from 10am to 4pm
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- Welcome Fruit Punch
- Free corkage for self-bought liquor or wine (1 bottle per 12 persons)
- Party Favours
- 1 bottle of sparkling wine for toasting
- Lunch Buffet coupon for 2 persons at designated Hotel restaurant

**Christmas Buffet Dinner**
for 100 persons at HK$160,000
plus 10% service charge, inclusive of:
- Exclusive use of Victoria Harbour View zone from 5pm to 12pm
- Buffet dinner with selected beverages for 3 hours
- Welcome Fruit Punch
- Free corkage for self-bought liquor or wine (1 bottle per 12 persons)
- Party Favours
- 1 bottle of sparkling wine for toasting
- Dinner Buffet coupon for 2 persons at designated Hotel restaurant

For more details, please contact our sky100 Events Team at
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Terms & Conditions apply:
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- The above time slot includes setup and dismantle period
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SAFEGUARD YOUR BUSINESS AGAINST THE UNEXPECTED IN THE CYBER WORLD

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Jumpstart Kids is an innovative program organized by Jumpstart Media, a platform supporting the entrepreneurial ecosystem in the APAC region. Jumpstart Media also oversees Jumpstart Magazine, which is a digital and print publication covering startups and technology, and is currently distributed to 1,500 locations across 10 countries.
Jumpstart Kids is an innovative program offered to kids aged 8-12 to teach them about entrepreneurship through “FUN” with startup founders and entrepreneurs. They learn about topics such as design thinking and public speaking, and how these businesses impact our everyday lives. Proceeds earned through the program are donated to charity. The program and pitch training are organized by Jumpstart Media.
Curtis Ho

Curtis is the founder of Real Time Food, an app for working professionals who need an easy way to make nutritious meals. Real Time Food engages local foodies and nutrition experts in cooking healthy weeknight meals on a live video feed so that users can follow along with ease.

Damian Wong

Damian is the founder of Local852, a fresh take on Hong Kong’s tourism industry. Using the fact that many of Hong Kong’s sweetest spots can be found in local neighborhoods, Local852 incentivizes local residents to give guided tours of their areas and treat visitors to the real Hong Kong experience.

Hector Kyriakopoulous

Hector is the founder of Gods and Mortals, an app that bridges the gap between mobile gaming and archaeology. Gods and Mortals uses Augmented Reality to create stunning virtual recreations of famous archaeological sites and includes mythology and archaeology quizzes and quests to make history fun.
Jamie Shih

Jamie is the founder of ActiveKids, a startup to help kids do new things and make new friends. ActiveKids is an app that helps parents plan fun activities for their kids based on specific factors like age, hobbies, and weather, making sure that kids are never bored during the holidays again.

Kaitlyn Yu

Kaitlyn is the founder of PenChain, a collaborative storytelling platform that allows children to work together on their works of prose, poetry, plays, and even news. It’s a safe, moderated community for kids to express themselves and learn from each other, fostering creativity and art from a young age.

Kristy Deng

Kristy is the founder of Game Maker, an app for kids who need some playtime inspiration. Rather than playing video games together, Game Maker suggests new and fun ideas based on how many children are playing and whether they’re indoors at home or outdoors in a parking lot, playground, or basketball court.
Lauren Kwan

Lauren is the founder of Stethoscopers, a game designed to give aspiring young doctors a head start. Advance from basic surgery prep to complicated anatomy and reach higher levels by passing medical vocabulary tests. Stethoscopers puts medicine and learning in a fun format for the next generation of doctors.

Lola Ngo

Lola is the founder of Cozy Friends, a social enterprise dedicated to helping people stay warm in winter. Each Cozy Friends purchase will result in a sweater being donated to someone in need, as well as a knitting lesson after which they can sell their own knitwear on the platform to make money.
JUDGES

Raymond Wong*
Hong Kong Science and Technology Parks Corporation

Gordon Yen
Hong Kong Business Angel Network Radiant Tech Ventures Ltd

Charleston Sin
MIT Hong Kong Innovation Node

Christine Yu
AngelVest Lapidary Limited

David Cheung
Hong Kong Private Equity Finance Association FountainVest Partners

*Lead Judge
THE 100 FINALISTS

- 42LAB
- Abida Medical
- AIRNING
- Akkadu
- Alps Robot Limited
- ANIWEAR Co. Ltd
- Arovia
- Aunt Flow
- AuramerBio Limited
- Avice
- Bagel Labs
- Bin!Go
- Bloomer Health Tech
- BNET-TECH Company Limited
- Budgeto
- Buildtail
- Capital Match Holdings Pte. Ltd
- Capital Preferences
- Celaqua
- Charge Spot
- Clim8
- CloudCommerce
- Cloudpick Ltd
- Contrafactus
- Coolhobo
- Creator’s NEXT. Inc.
- CureMatch (HK) Limited
- CYFEER Joint Stock Company
- DASH Systems
- Dayta AI Limited
- Deepliver
- Doctor A to Z
- Doki Technologies Limited
- DropGenie
- Easychat
- EchoEco
- eSight Technology Co. Ltd
- Evnex Ltd
- exerlights.HEALTH
- FaceHeart Inc.
- Fagougou (Shenzhen) Technology Co., Ltd
- FlipWeb
- FreightAmigo
- Frontier Mining
- Getdone
- Gihon Biotech Limited
- Globish Academia (Thailand) Co Ltd
- GreenSafety Technology Limited
- Guzip Biomarkers Corp.
- H.E.R.O.
- HK Biotech Limited
- iKydz Limited
- InCommon
- Incus Company Limited
- Interlinkages Consultancy Limited
- Lady Technologies, Inc.
- Lecker Labs Limited
- Link4 Australia Pty Ltd
- Longenesis Ltd
- Luckey
- Manus Robotics
- MediConCen Limited
- MEDVISIT
- Meete
- MoniBack
- MOPRIM
- Neosen Energy HK Limited
- Next Software Solutions
- OaCP IE LTD
- PARADIGM Innovation, LLC
- Pecutus Technologies Limited
- POM nv
- Randory
- Rheonova
- Runerra
- SanoLiBio GmbH
- Sapenta
- Save-a-Space Limited
- SciPhysio Limited
- Setsuro Tech Inc.
- SightEcho
- Stamplet
- Stefanka
- Tenderfield Hong Kong Ltd
- The Next STEPS
- TherapySelect
- Titanology Limited
- TuneFork
- Valoso Hub Ltd
- Vanna
- Vein Authen
- Visium Technologies SA
- VisusNano
- WeavAir
- WETAXI Technology Company Ltd
- WEXTECH HK LIMITED
- WildFaces.ai
- XCredits
- ZiO Health

Note: Information is subject to change without prior notice.

Please scan the QR code for the latest list of finalists.
42Lab aims to democratise biotech education by providing affordable and user-friendly tools for teaching and learning biotechnology at schools. Its ready-to-go kits make teaching biotech easy for teachers, and learning biotech fun and interactive for students.

1. The all-inclusive experiment kits provide all the materials/reagents needed to conduct an experiment.
2. Its mini-laboratory (hardware) kit provides all the equipment needed to conduct an experiment.
3. The companion app helps students be more engaged and follow the steps easily.
42Lab’s technology also gives teachers an easy lesson-planning and assessment tool, guiding them to confidently conduct experiments regardless of their educational background and giving them a tool to manage students’ progress. The solution comes with a full curriculum for teachers, minimising the need for them to prepare manuals. The solutions equip schools with an affordable and portable mini-laboratory to offer biotech education.
Abida Medical

http://mamosound.hk/

Portable home device conducts instant breast cancer scans

Abida Medical’s mission is to improve healthcare delivery through the use of big data and digital healthcare IoT devices. Its first medical device is Mamosound, a portable ultrasound breast cancer screening device for home use. The device uses proprietary machine vision software to provide simple yes/no results to patients if breast tumours are detected in scanning. Mamosound can be synced to the patient’s Picture Archiving and Communication Systems (PACS) or shared directly with the patient’s healthcare providers via email or a shared network through the company’s app-based platform.
Airning intends to be a travel partner for air passengers who encounter flight delays or other flight issues. Its legal-tech platform helps air passengers understand their rights and get compensation when affected by flight disruption.

According to the European Commission, more than 5 billion euros in compensation is unclaimed every year because people don’t know about their right to claims, or even if they know are not sure how to go about getting compensation. In 2017, disrupted flights increased 29.6% year on year, and the number is likely to go up in the coming years.

Airning has created an online platform optimised for all devices. In just three steps, passengers can register any form of disruption to their journey and manage their claims. The Airning team takes care of their cases from the beginning till the end. The platform also minimises worries for air travellers by tracking flights in real time and updating current flight status, while reminding them about their rights.

https://www.airning.com/en/

Legal-tech platform helps inconvenienced air passengers with claims
Akkadu

www.akkadu.com

Eliminating language barriers at global events

Akkadu is an international platform that helps everyone understand the content of global events, delivered in their own language, wherever they are and whenever they join an event. The platform provides high-quality original audio, translated audio and presentations (PPT/PDF). Akkadu helps event organisers reach more audiences globally, interpreters get more jobs and audiences to join global events in their own languages. Akkadu’s dream is to build and connect communities all over the world in a high-quality, knowledge-sharing platform with no language barriers by making events available to anyone, anytime, anywhere.
Alps Robot Limited

www.alpsmotion.com

High weight-bearing robot takes on building works on rugged terrain

Alps Robot’s hexapod walking robot, Spider X, is a high strength-to-weight ratio robot which can access narrow spaces that would be impossible for construction vehicles with a traditional wheelbase or caterpillar track chassis. The Spider X weighs 50kg but can carry a payload of more than 300kg. The compact and rugged robot uses motion control systems which enable it to move over rugged terrain.
ANIWEAR Co. Ltd

www.aniwear.io

Pet ECG conducted through a quick hug

ANIWEAR sets out to revolutionise animal healthcare with advanced data analytics. Its first product, CardioBird, was built to fix problems with veterinary ECG examinations. Conventional veterinary ECG is a labour and time intensive procedure demanding high interpretation skills by specialists. With CardioBird, a one-stop ECG service platform powered by AI and IoT, a vet needs to have only a 30-second hug with the animal patient to receive data via an IoT sensor. The AI engine at the backend will analyse and interpret the received data and generate a professional ECG report in 5-10 minutes.

ANIWEAR believes its solution is the first and only one in the world to do this. The solution is targeted for use by general practice veterinarians.

ANIWEAR is also taking in data daily from partnering clinics all over the world and it’s going to re-establish the standard with breed-specific big data that’s never been available before.

ANIWEAR has received considerable recognition and support. It has received a support package from the Austrian Government as well as a grant from Hong Kong’s Innovation and Technology Commission and is an incubatee of HKSTP. It won the Best Pitch award at the Media Pitch Day for Tech Startups during ICT Expo 2017. The company was also interviewed by Bloomberg.
Arovia

www.arovia.com

TVs foldable into pocket-size displays

Arovia is the first company to make collapsible displays. Its first product, SPUD, is a 24-inch TV that collapses to the size of a book in seconds. Users can connect SPUD to phones, tablets or laptops, wired or wirelessly.

SPUD has been featured on CNBC, Engadget, Gizmodo, Wired, and The Verge.

Arovia was recognised as the top startup in Texas by winning the Texas New Venture Competition in 2018, and was also recognised as one of the top-10 optics-enabled startups in the world by Luminate in 2017.

The core IP for SPUD is patent protected. Its vision is to make a full-size TV that fits in a pocket.
Aunt Flow

www.goauntflow.com

Enabling businesses to provide free menstrual products

Aunt Flow was founded by 2-time entrepreneur, Claire Coder, to ensure everyone has access to quality menstrual products. Aunt Flow manufactures and sells their 100% organic cotton tampons and pads to businesses, so they can offer them for free to employees and guests. In just one year, Aunt Flow has grown to stock over 150 businesses, including Twitter, Viacom, Equitas Health and local coffee shops. The company has positively impacted legislation in California, New York, Illinois, and Scotland – all requiring schools to offer free menstrual products in their bathrooms. It has received $680,000 funding from Precursor Ventures, Techstars, Social Capital, RoughDraft Ventures and angel investors. Awards won by Aunt Flow include Techstars NYC 2018, SXSW Top 50 Startups to Watch, Best Startup Ohio, YOUNGEST 40Under40 Recipient (founder), Starred on TLC’s Girl Starter (founder).
AuramerBio develops novel bio-sensing solutions using synthetic DNA technology. This gives its customers access to laboratory-quality measurements outside the standard analytical labs, using portable hand-held devices. The smart portable bio-sensing solutions enable quantification of very low levels of targets (such as illicit drugs and hormones), from complex biological matrices (e.g. saliva, blood serum and urine) to environmental samples (e.g. pesticides in waterways).

AuramerBio’s proprietary methodologies and secured IP makes it a market leader in the development of the synthetic receptors (aptamers) used in the bio-sensing platform. AuramerBio is also working to expand its aptamer portfolio to enable access into future markets of interest with partner companies.
Avice

https://www.avicewearables.com/

**Ultrasound wearable measures muscle failure to check weight training effectiveness**

With a portfolio of weight training wearables, Avice aims to provide meaningful, user-driven and motivational information to the global weight training market. Based on research that shows most people do not achieve maximum effectiveness while doing weight training because they are unable to gauge their training effort level, Avice utilises a novel, patent-pending ultrasound technology to detect and assess users’ “muscle failure signature”, thereby informing users if they have trained hard enough. Compared to existing competitors whose solutions produce numbers that mean little to average users, Avice claims to provide meaningful and actionable feedback.

To date, Avice has received over HK$1.1 million of early-stage funding and was a finalist in three start-up challenges in New Zealand. Furthermore, the team has worked with an external product design company to understand the user journey, their problems and needs, and the physical design with cost of production and manufacturability in mind.

The core technology behind Avice has been validated through computer simulation and with a small group of participants. The goal is to produce 200 units before 2019 and sell them to collect data and feedback to make further product iterations.
Bagel Labs

https://www.bagel-labs.com

Revolutionising size measurement

Bagel Labs is innovating the way size is measured, believing it has remained unchanged for too long. Size is measured in a range of services, from fashion companies to medical clinics, yet measuring is still mostly done with archaic tape measures. The process of reading, processing and recording measurements is significantly outdated. As well, measurements are usually lost after a single use.

Bagel has created a smart tape measure, PIE, with a communication protocol and applications for smartphones that let users further process measurement data in various ways. Bagel believes that this will innovate the way size is measured and have size data utilised in industries such as fashion, healthcare and other relevant industries.
Bin!Go

Smart bin technology monitors bin fullness for maximum waste collection efficiency

Rapid waste generation poses a challenge in densely populated areas. A large amount of rubbish causes bins to overflow and increases the need for rubbish collection. Bin!Go offers a smart waste management solution using smart sensors and smart bin technology. The solution helps waste collection staff monitor the fill percentage of each bin in real time and collect waste when bins are full. This reduces waste collection frequency dramatically, minimising labour and maintenance costs.

Bin!Go uses efficient algorithms to calculate the optimal collection route for waste collection companies, thereby reducing the number of trucks on the road, hence less noise, less emissions and less pollution.

Furthermore, Bin!Go uses real-time and historical data to provide analytics on current bin allocation and offers consultation on how to reduce overflowing and the frequency of waste collection.

Bin!Go won the Smart City Hackathon in Hong Kong 2018 for the smart environment challenge.
Bloomer Health Tech

https://www.bloomertech.com/

Intimate garment for tracking women’s heart disease

Bloomer Health Tech is solving the data gaps in healthcare by transforming everyday fabrics into tools for personalised detection, monitoring and treatment of chronic diseases. Bloomer Tech’s first product focuses on heart disease monitoring for women. It integrates advanced fabrics technology and machine learning in bras worn daily by women. The company’s vision is to globally empower personalised medicine.
STICKu looks and works like a walking stick and is just as solid and stable as conventional canes. The high-tech features embedded in the stick make it an all-in-one companion to give elderly users the freedom to move about safely on their own.

The stick incorporates built-in sensors to manage the activation of different features according to the walker’s environment and situation. The on and off functions, such as warming and lighting, are automatically controlled. If the stick falls down and is not picked up within a short duration, the user’s next of kin will be automatically notified.

Thoughtfully designed to be user-friendly for elderly customers, there are few buttons to grapple with. The tailor-designed charger has no wire to pose trip hazards. Conceived with the latest technology and featuring a futuristic design, STICKu will improve the mobility and quality of life for the elderly and lower the stress for carers, knowing they will receive a rescue alert in case of falls.
Budgeto

www.budgeto.com

Budgeting and accounting made easy for SMEs

BUDGETO claims to offer the first easy-to-use, affordable and reliable online budgeting tool designed specifically for small and medium-sized businesses. BUDGETO offers a fully automated interface to make it possible to prepare, share and work multi-scenario business budgets without any accounting knowledge. BUDGETO has a clear mission: to promote and encourage entrepreneurship by developing and bringing in market innovative financial and accounting tools.
Billions of US dollars are spent on building materials globally every year. It is the single largest cost for construction companies. Yet, a large proportion of all purchased material is never used and is often thrown away after a construction job is done. Construction firms often pay contractors to throw away expensive materials. The disposal is not environmentally friendly, but to this point it has been the only effective way of removing unused materials from construction sites. Buildtail changes this paradigm by introducing a marketplace for leftover building materials and a tool for construction firms to easily sell materials. With a digitised value chain and smart algorithms, Buildtail helps construction firms save both money and the environment. Not only does the platform provide a smooth process for construction companies to sell unused materials, it also empowers a circular economy, which is an important element for enabling sustainable construction. Buildtail makes it easier to sell than to trash.
Capital Match Holdings Pte. Ltd

https://www.capital-match.com/en

Low-threshold invoice financing platform bridges SMEs and investors

Capital Match is a leading invoice financing marketplace platform in Southeast Asia. The company operates with two objectives: to provide SMEs with a sizable alternative financing option to improve cash flow or stimulate growth, and to give professional investors access to attractive yields at a low investment threshold.

It has developed an in-house credit function that carefully evaluates the circumstances and purpose of each invoice seller to determine an appropriate funding amount, tenure and discounting rate. The function enables the company to provide investors a curated selection of invoice facilities to build their investment portfolio.

In early 2017, Capital Match’s subsidiary, CM Advisers Pte Ltd, obtained a Capital Market Services (CMS) license with the Monetary Authority of Singapore, entitling the company to offer a wide range of securities to investors.

Its platform currently originates S$4-5 million across 60-80 facilities per month. It has a low minimum investment size per facility, at S$1,000 or less, providing a high degree of diversification. Additionally, international investors can also enjoy geographical and currency diversification.

The company has also received funds backed by large VC firms and government bodies like Dymon Asia Ventures, Innosight Ventures and B Capital Group.
Capital Preferences

www.capitalpreferences.com

Gleaning customers’ decision-making data with scientific games

Capital Preferences (CP) is a fast-growing, globally awarded fintech/regtech company that uses gamification, behavioural economics and decision science to gather vital data on consumers and help financial services firms scale their advisor-led and digital solutions in a fun, compliant and user-friendly way.

Founded in Berkeley and New Zealand by Shachar Kariv, recent Chair of the Economics Department of the University of California Berkeley, and Bernard Del Rey, a financial services veteran and entrepreneur from JPMorgan and Morgan Stanley, the firm is post-revenue and boasts early-stage, successful POCs that are advancing to contracts.

From a regulatory angle, CP data is set to revolutionise financial services by streamlining investor suitability and identifying consumers who are vulnerable before they hurt themselves or their investment, insurance and lending firm. The company’s tech is also being used inside the armed forces and in large-scale micro-finance programmes, signalling the firms’ opportunity in two additional multiple-billion-dollar verticals – HR and lending.

The firm is highly regarded, having won awards from Citi, UBS, Barclays, BBVA, Fidelity, the Monetary Authority of Singapore and more. The technology is believed to have the potential to reach well over 100 million consumers in the near future.
Celaqua

www.celaqua.com

Removing antibiotics and chemicals from aquaculture

Celaqua aims to remove antibiotics and chemicals from aquaculture. It provides total solutions encompassing water quality management, soil management, feed enhancement, diseases control and IoT water quality automatic detection for farmers. The solutions are designed to help farmers increase their productivity by 2 to 3 times and income by 2 to 6 times. The company has 5 clients currently. The total area of the shrimp ponds managed by the solutions is equivalent to that of 5 soccer fields. It expects to expand to 25 times its current size by the end of 2019.
Charge Spot

www.charge-spot.net

Power bank sharing enables recharging on the go

Founded in Hong Kong, ChargeSpot claims to be the world’s first international power bank sharing company aiming to provide a solution to charging mobile phones on the go, for locals and travellers alike.

ChargeSpot features a “charge as you go, charge anywhere” approach, with power bank rental stations across Hong Kong and Tokyo. The service will be extended to more overseas countries including Thailand and Malaysia.

ChargeSpot users can also benefit from its innovative “return to a different station” service. For an affordable fee, power banks can be rented up to 48 hours for only HK$10 and returned to any stations anywhere in the world indicated in ChargeSpot’s App. The service ensures users have power to stay in touch at all times.
Clim8

www.myclim8.com

Intelligent thermal technology conditions garments to keep body warm

Clim8 provides an intelligent thermal technology applicable to most next-to-skin garments. With the technology, a garment can be conditioned to keep the wearer warm. The garment automatically heats when the body temperature drops below the ideal level and thermal comfort is decreasing. The self-regulating system is also intelligent and adapts to each individual’s thermal needs, because everyone is different in age, weight, height or history. Clim8’s vision is to become the leader in intelligent thermal solutions, aiming not only to keep people warm during their outdoor activities, but also to use all the collected data to improve the thermal algorithm, and to anticipate consumers’ needs based on their habits data points, such as duration of activity, types of activity, thermal needs and locations.
CloudCommerce

www.cloudcommerce.co

Full suite of SME support for cross-border e-commerce

CloudCommerce is a cross-border e-commerce solution for Southeast Asian SMEs offering three services: CloudMall, FastShip and Fastbox. CloudMall helps with inventory management, logistics, fulfilment and customer support for SMEs to sell products through various marketplaces. FastShip is global logistic platform for e-commerce, using APIs to automate and optimise the workflow between SMEs, marketplaces and logistics firms. Fastbox is global fulfilment platform for e-commerce, consolidating products in bulk, shipping products to overseas warehouses and getting products ready for the last mile domestically.
Cloudpick Ltd

www.cloudpick.me

Automatic checkout technology paves the way for unmanned stores

Cloudpick Ltd has created an automatic checkout technology to enable a new kind of store that needs no cashier or self-checkout machines. Customers use an app on their phone to enter the store, pick up the products they would like to purchase and then exit. The AI system will do all the checkout work behind the scenes, using sophisticated computer vision algorithms, machine learning and sensor fusion technologies which are also used for driverless vehicles. This system is offered to physical stores for a service fee. The efficiency and accuracy of the system have been verified by the cashier-free convenience store that the company built early this year in an office building in Beijing. The 100-metre store is stocked with a wide range of products, from ready-to-eat breakfast boxes to chef-prepared lunch and dinner sets, as well as snacks, baked items, cold drinks and beer. Cloudpick observes that the system can easily checkout over 100 customers per hour, equivalent to having at least two cashiers in traditional stores working simultaneously and uninterrupted to avoid customers getting stuck in long queues.
Contrafactus

Using blockchain technology to block illegal medicines

Contrafactus allows consumers to verify the legitimacy of their medicines by using blockchain technology to track and verify the supply chain of medications. By partnering with pharmaceutical companies, Contrafactus aims to help ensure customers purchase only legitimate medicines and reduce the risk of injury or death. Over 3 billion medicines are consumed every day in the US alone. With over 10,000 different drugs available in the world, Contrafactus believes that checking even a small proportion of them would ease the burden caused by illegal and potentially dangerous drugs that enter the supply chain.
Coolhobo

https://www.coolhobo.com/en/home

E-commerce fun introduced in physical stores

Coolhobo is a mobile AR shopping app, combining experiences with convenience for shoppers, merging physical and digital worlds for businesses. The company uses mobile augmented reality in stores to inform, guide, simplify and reduce effort while making the shopping experience fun, entertaining and social, applying every benefit of e-commerce and AR to offline retailing. The more shoppers use AR in store, the more accurate the 3D map of the physical store becomes, therefore allowing offline retailers to apply online analytic tools in real-time. In other words, this brings the convenience of e-commerce to physical stores, while enhancing the inherent experience of bricks-and-mortar shopping.
Web marketing managers have to test many hypotheses. When they work with Google Analytics, they find disparities in various kinds of numbers, think of what must be improved, and prioritise tasks accordingly. The trick is to know if tasks are prioritised correctly given the wide array of permutations. Mathematically, there are 720 different ways to arrange 6 elements and over 240 quadrillion ways to re-arrange 20 elements. Web marketing managers usually work with more than 20 hypotheses and have to prioritise them optimally. In order to analyse all patterns, they must look at over 240 quadrillion patterns, which is humanly impossible. Yet it has to be done to the best of their knowledge, typically leading to situations where a marketing manager with a background in design will recommend changing the design while a marketing manager with a background in engineering will recommend cleaning up the source code. “KOBIT” is designed to resolve the conundrum. Through automated linking with Google Analytics, it will create Access Analysis reports in just a minute, far less than the 3 days it normally takes professional analysts to create a similar report. What’s more, the service is offered at a highly affordable cost of only US$50 per month.
CureMatch (HK) Limited

User-friendly pathogen tests for fast and rich results

CureMatch (HK) Limited intends to develop an innovative, precise, fast and user-friendly diagnostics test for patients and physicians to identify pathogens in patients, using techniques of DNA sequencing and big data. Currently, a physician utilises a culture method to identify types of pathogen in patients with an infection and fever. This method can take at least 48 hours, requires a blood sample of at least 15 ml and can generate false negative results if the patient has been using certain antibiotics. CureMatch (HK) Limited’s test not only overcomes the disadvantages of the current method but also provides additional information, such as drug resistance, which can provide a better tool for physicians to treat patients more effectively and precisely. In addition, patients can recover faster and save resources for clinical treatment.
CYFEER Joint Stock Company

http://www.cyfeer.com

Empowering tenants with connections and payments online

CyHome is a resident-friendly PMS (Property Management System), catering to the real estate leasing market that is evolving quickly, with the emergence of new players such as Airbnb and Booking.com but property management is considered lagging behind. Unlike other PMS’s that focus on the landlord or owner, CyHome takes the perspective of the resident/tenant. It serves as a hub linking the building manager, supplier, and resident/tenant. CyHome connects the resident/tenant with the resident online community, online payment methods and online shopping places (especially those that link directly to the resident’s building. While companies such as Airbnb or Booking.com do the matching, CyHome will do the managing and provision of services. After launching in Nov 2017, CyHome is now serving 36 buildings with more than 12,000 residents/tenants, connecting to 6 suppliers and 3 online payment partners. Well known across Southeast Asia, CyHome has won awards in Vietnam, Taiwan and Korea.
DASH Systems builds precision aerial delivery systems that allow any aircraft to land cargo without the need for runways or landings. This allows the world’s fastest shipping medium, air cargo, to deliver anywhere in the world an airplane can fly over.

Cargo planes can deliver up to 5 times faster and 2 times cheaper than commercial courier companies by not relying on slow ground vehicles or the need for distribution hubs.

Since launching in 2017, DASH Systems has demonstrated safe and precise launches from airplanes, helicopters and drones with the approval of the FAA. It has operated in 4 states and delivered 3,000 lbs of goods, including precision deliveries for disaster relief and other critical applications.

This has led to 6 letters of intent, one commercial customer and approximately US$125,000 of revenue for 2018, as well as deployments for Hurricane Maria and Hurricane Florence.
Dayta Al Limited

https://dayta.ai/

Al in a black box to help grow business

Dayta intends to progressively perfect its AI solutions and grow clients’ business. To assist people who may be unclear on how AI benefits their business, how to utilise AI or where to start with, Dayta serves to unfold the black box of AI.

Dayta’s mission is to grow clients’ business with AI. It provides tailor-made AI solutions by understanding users’ needs. With an emphasis on ease of implementation, it lets users focus on their core competencies, and have the technologies taken care of by Dayta.

It believes that there should be no access barriers to AI for businesses, and any enterprises should be able to harness AI power to create value.
Deepliver

Precise liver 3D construction to speed up diagnosis

Deepliver uses AI and computer vision (CV) algorithms to help doctors better identify and locate liver tumours and analyse them for surgery. Its solution is claimed to be able to improve the current treatment accuracy of liver tumours by 10%. Deepliver offers an accurate automatic liver 3D-construction that will help reduce the time it takes for diagnosis from 2 hours to just 1 minute. It will free up doctors and hospitals to treat more patients and help make surgery more precise with lower risks. Deepliver has acquired millions of data images and established medical cooperation with top liver hospitals in China. It has completed a seed funding round, raising US$600,000, and is about to launch its angel round funding.
Doctor A to Z

https://doctoratoz.co/

Medical platform matches Thai surgeons with inbound patients

Doctor A to Z is a medical matching platform, with an ecosystem formed of experienced surgeons and technology people to support inbound cross-border patients heading to Thailand for surgery or treatment.

Driven by a passion to save people’s lives, the company has been instrumental in helping 100 patients since it was founded in late January 2018. Boasting 20 years of experience, the company hopes to make a real difference and do more to save more lives.

It was the winner of Allianz Ayudhaya Activator (out of 126 teams) and Disrupt University (out of 100 teams). It also won Runway to Rise (Thailand) and was runner-up in Runway to Rise (Hong Kong) 2018. It was also the winner by popular vote in dtac Accelerator, said to be the best accelerator program in Thailand and Southeast Asia.
Doki Technologies is an IoT startup developing technology and wearable devices for children. It aims to help transform the way families stay connected. It believes in giving kids an enjoyable childhood, with the space to grow, learn, explore and have fun. Its products are designed to let children enjoy freedom and independence, and give parents peace of mind knowing their kids are safe.

www.doki.com

Giving parents the peace of mind to let children be free
DropGenie

https://www.drop-genie.com/

Democratising gene editing technology

Gene editing has taken the scientific community by storm. However, DropGenie thinks its potential is currently limited to the efforts of highly-skilled individuals manually performing experiments. This prompted the company to develop a programmable platform able to seamlessly automate biological pipelines to unleash the full potential of this cutting-edge technology.

The platform reduces manual labour by 10 times, reagent use by 100 times and plastic waste by 1,000 times.

DropGenie has successfully adopted its working prototype to engineer cells over the past 2 years and is now assembling its minimum viable product to democratise gene editing techniques.
Easychat

www.easychat.co

Customer interface automated for e-commerce sellers

Easychat is a conversational AI Platform for e-commerce to automate customer supports, sales and marketing across all channels, including websites, apps, FB messenger, Line, Wechat and Whatsapp etc. Users only need to copy one line of code to their own website and they can find out who are their customers, sell to them, answer their questions instantly and subsequently increase conversion rate.

Easychat supports real-time discovery of online customers and their browsing history to help sellers make a list of target customers. It allows users to start a real-time chat with online customers and increase conversion through the interaction. Auto-remarketing messages can be developed based on pre-set criteria, serving as a virtual salesperson on the e-commerce platform to promote product automatically based on customers’ behaviour gleaned from a customer’s browse history.

Easychat supports both iOS and Android versions, allowing users to simply log in and start chatting with customers anytime anywhere.
EchoEco

An ecosystem to cut lengthy delays in cardiology diagnoses

EchoEco observes that public cardiology wards are chronically under-staffed and patients wait an average of more than 50 weeks to have an echocardiogram, because the process involves two parts. A nurse is required to conduct an echocardiogram, yet there are less than 20 nurses in Hong Kong able to do this; at the same time. It also requires a cardiologist’s expertise to read the echocardiograms.

Both problems need to be resolved and EchoEco presents a solution. It builds an end-to-end ecosystem to increase the efficiency of taking and reading echocardiograms for patients with cardiac concerns.

This is achieved by catalysing training of the residual healthcare workforce for conducting echocardiograms, by increasing cardiologists’ efficiency in reading echocardiograms and by bridging the two workforces.

EchoEco uses augmented reality and machine learning to build an intelligent echocardiogram supply flow.
eSight Technology Co. Ltd

www.esightech.com.cn

Gearing up manufacturing to meet future needs

eSight Technology has steadily grown since 2015 to become an innovative leader in the development and manufacturing of industrial automation and inspection equipment. Its products consist of a machine vision high precision dispensing system, an industrial machine vision inspection system and an industrial robot-arm guiding system. Typical applications include 3D machine vision dispensing systems and high-precision robot arm guiding systems.

eSight helps companies improve product quality, eliminate production errors, lower manufacturing costs and exceed customer expectations for high-quality products at an affordable price. Its innovative products not only meet current needs but also future customer requirements in the manufacturing sector. It strives to anticipate the market’s future goals to provide tomorrow’s solutions today.
Evnex Ltd
www.evnex.com

Charging electric vehicles cost-effectively

Evnex designs and builds intelligent electric vehicle charging solutions. It helps its electricity distribution customers to cost-effectively manage the growing electricity demand generated by the surge in electric vehicles.
exerlights.HEALTH

www.exerlights.com

Keeping aged care patients on the move

Noting that maintaining mobility is an important part of healthy ageing, exerlights.HEALTH enables movement promotion exercises for residents of nursing homes. It uses a combination of cognitive training via changing colours and movement exercises via different tasks. exerlights was first designed for cognitive training in sports and has been successfully brought to market in soccer, handball, basketball and hockey. It was the first real-time training system to train cognitive skills on the pitch and in rehabilitation.
FaceHeart Inc.

Video driving monitor tracks drowsy drivers to keep roads safe

AI software company FaceHeart Inc. has published its first product, eBus, a video-based driving monitoring system, to deal with the problem of drowsy drivers, which is said to cause about 100,000 deaths from traffic accidents in the world every year. Using a single camera, the device can identify the driver and track the face to detect behaviour. It can carry out physiological status analysis, behaviour recognition, fatigue detection and painful expression analytics. The most unique feature of the solution is contactless measurement of physiological information such as heart rates and heart rate variability. It is supported with a back-end system. If the detected status is abnormal, the system will take relevant actions such as warning the driver in real-time or sending messages to the authorities concerned.

The technology has already been applied in buses in Taiwan. The company has also cooperated with hospitals and doctors to verify the feasibility of this innovative technology. FaceHeart hopes that the technology can help reduce the number of casualties caused by drowsy drivers and protect people’s lives. FaceHeart aims to help people reach home safe and sound.
As China’s national economy grows, it is inevitable that that consumers become more legally aware, creating a growing demand for legal services. Fagougou saw a huge gap between the demand for legal services from 1.3 billion Chinese citizens and the service capacity of 360,000 lawyers. It believes that legal service should be a public service accessible to everyone. Fagougou applies AI-based technology to make legal services more convenient, more efficient and less expensive.

To achieve that goal, the company has developed the first Chinese interactive chat robot which can automatically answer people’s legal questions and provide guidelines for legal solutions. Claiming to be the most powerful chat robot for legal consultation in China, it has helped more than 500,000 people with effective legal advice in the past year.

So far, the company has helped 10 provincial governments to complete the construction of the public legal service system, and also helped more than 100 law firms to enhance their legal service capability by offering its AI-based chat robot for legal consultation.
FlipWeb

https://www.flipweb.tw/

Facilitating trading of digital assets

Flipweb is a secured marketplace for buying and selling digital assets, including websites, apps, domain and social media accounts. The Flipweb exchange platform provides a secure, and frictionless experience for both buyers and sellers. With one of the fastest growing collection of digital assets, and proven traction, Flipweb is quickly facilitating the exit and growth of digital companies not only in Taiwan but across the Asia region.
FreightAmigo

www.freightamigo.com/

One-stop freight platform offers comprehensive shipping services

FreightAmigo’s 24/7 real-time Freight eMarketplace is a one-stop platform to search for quotes, book, track and manage all worldwide shipments. The services on the platform encompass sea freight, air freight, rail freight, domestic and contract logistics, insurance and trade finance, and even last-mile delivery tracking services through IoT devices. It’s vision is to make trade easier for all users, supported by insurtech, fintech and blockchain technology. The platform offers functions and features such as Instant Quote, Tailored Solution, Tender Bidding, Contract Logistics, Cargo Insurance, Freight Consultancy, Track and Trace as well as Trade Finance.

Its services offer the value proposition of bridging buyers and sellers to enhance mobility, productivity, efficiency and return on investment (ROI). It boasts competitive advantages of having a ready SaaS system and free membership to all users.

The company was admitted into an HKSTP incubation programme in Jan 2018. FreightAmigo joined HKGCC and FHKI as a member in Jan and Jun 2018. It has lined up insurers Zurich and China Taiping for the cargo insurance business. It has been nominated as a committee member of HKGCC SME and HKGCC Shipping and Transport Committee. The FreightAmigo mobile app has been launched in Apple Store and Google Store.
Frontier Mining

www.frontiermining.co

Empowering the global crypto mining community

The blockchain revolution was born out of the need for transparency and trust. Frontier Mining believes that the structures behind blockchain must be thoughtfully and sustainably constructed for the technology to transform society.

To achieve its vision, the company provides turnkey cryptocurrency miners, co-location and mining management services to the global mining community. In doing so, it empowers innovation, opportunity and prosperity, putting people back in control.
Getdone

http://getdone.co

Connecting blockchain freelancers and clients

Getdone is a blockchain-based platform which integrates blockchain and AI technology for hiring reliable freelancers in the blockchain industry, including engineers, copywriters, translators, designers and others. Blockchain is fast-growing technology and it’s difficult to hire a full-time employee for any blockchain project. Getdone aims to help blockchain enterprises run a better ICO or blockchain project by accessing its pool of qualified freelancers.

Getdone is the universal version of freelancerViet.vn platform, which is a leading freelancer platform in Vietnam. It is listing 300,000 freelancers.

Getdone has won a number of best startup awards, including 1st prize National Award in the Asian Rice Bowl Startup Awards (2017), 3rd prize in Startup Wheel 2017 (the most popular Vietnam startup competition) and 3rd prize in Venture Cup 2015 (the booming startup competition organized by IDG Ventures).
Gihon Biotech Limited

www.gihonbiotech.com

Formulating cosmeceuticals with Chinese medicinal herbs

Gihon Biotech is a green biopharmaceutical company developing healthy products enriched with natural ingredients, especially Chinese medicinal herbs. Its patented ingredients with the functions of skin-whitening, antioxidant, anti-aging and anti-bacteria can be applied to skincare, health food and other personal care areas.

The company’s R&D team has been working in plant medicine and natural product research for more than 20 years. It discovered a series of active agents from Dendrobium which are essential ingredients for formulating skin-whitening and skin-protecting cosmeceuticals.

The in-vitro and in-vivo experiments performed by the team screened the most promising Dendrobium ingredients with the best antioxidant and depigmentation properties. They also show anti-aging and anti-blue light activity.

Following thorough analyses, Gihon Biotech has subsequently applied the right proportion of Dendrobium active ingredients to formulate potent skin-whitening and skin-protecting cosmeceuticals and health food.
Globish Academia (Thailand) Co Ltd

https://www.globish.co.th/

Platform delivers round-the-clock opportunities for practising English

Globish Academia (Thailand) is an online learning platform providing opportunities to practise English anywhere, anytime.
Practical English Skill offers live one-on-one practice with the user’s favourite coach from a diverse range of countries.
Globish Academia believes its competitive advantages are pre- and post-assessment, mobile-friendly application, built-in video call, 24/7 service, in-house teacher recruitment, career course development, corporate service and distributorship.
It has taken part in Switzerland Innovation, Pitch@palace, JUMC Star 2017, Global Entrepreneurship Thailand and Startup Thailand.
GreenSafety Technology Limited

www.greensafety.com.hk

Patented plug-and-play solution to reduce traffic accidents

GreenSafety Technology Limited (GST) is a Hong Kong startup focusing on vehicle management and smart mobility to find solutions for reducing traffic accidents. GST was established in December 2015 and its plug-and-play 4S Solution was officially launched in 2017 with invention patents. Its Safematics Solution comprises five modules. Module 1 includes an Advanced Driver Assistance System (ADAS), real-time big data analytics and auto-cut dangerous behavioural videos. Version 1.0 was launched in March 2017. Module 2 is a patented surveillance system mainly for 24V fleets surveillance and safety. This has proven popular in Taiwan. Module 3 is tire pressure monitoring system (TPMS) sensors for tire management. Module 4 is on-board diagnostics OBDII covering plug-and-play needs with potential expandability. Module 5 is a Fatigue Driving System issuing fatigue alerts for drivers. The last three modules are in progress. Since Dec 2017, GST has been providing services to partners and clients in Hong Kong, Macao, mainland China and Taipei. In addition to successful distribution and partnerships in other countries or regions, the company endeavours to make 4S Solution widely adopted in Hong Kong.
Guzip Biomarkers Corp.

http://www.guzipbio.com

**IVD kit identifies new biomarkers for diagnosing endometrial cancer**

Guzip Biomarkers Corp. is a spin-off company of Taipei Medical University formed in 2018. Its first project is to develop and commercialise an in-vitro diagnostic (IVD) kit for endometrial cancer. The startup has analysed many samples of endometrial cancer patients and found new biomarkers associated with endometrial cancer. These biomarkers can show whether a patient suffers from endometrial cancer from a Pap smear or related samples. Guzip believes the solution has the advantages of high specificity and sensitivity, which makes it possible to become a mainstream IVD product.
Earthquakes often occur without warning, leaving no time for people to protect themselves. Any warning at least tens of seconds before an earthquake could save many lives and reduce damage. H.E.R.O. found that Earthquake Early Warning systems or “EEW” tend to be slow, unreliable, very expensive and not yet available in most countries. The company has developed H.E.R.O., a crowd-sourced Earthquake Early Warning system using smartphones and IoT sensor networks. The system transforms millions of smartphones all over the world into individual earthquake detectors and sirens. H.E.R.O. hopes to use its technologies to make sure users will receive fast and reliable alerts, with its low-cost H.E.R.O. system.

http://www.evertiphi.com/

Low-cost earthquake warning system using smartphones and IoT networks globally
HK Biotech Limited

Giving a new lease of life to farming by-products

HK Biotech was founded to apply the fungi-based biomass technology to transform non-value-added farming by-products (such as wheat straw, corn cob, etc) to different applications such as packing materials, agricultural mulch films and seedling trays. The company is motivated to mitigate the negative environmental impact of overuse of plastic products and natural resources, and waste generated by human and production life cycles.
iKydz Limited

www.ikydz.com

IoT platform to control children’s online access

iKydz provides an IoT platform that enables Telcos and ISPs to offer their customers the ability to manage and control their children’s internet access on any device at home on Wi-Fi or on 3-4G outside the home.
InCommon

Building mental distress support communities

InCommon offers a mobile app that helps people build supportive communities for personal well-being and find help quickly in cases of mental distress. InCommon’s founder personally experienced addiction and understands that the biggest challenge for addicts is asking for help. In trying to solve personal problems, the founder noted a huge gap which could be plugged with technology. InCommon answers the urgent need for quick relevant connections, and helps engender a long-term, deep-rooted sense of belonging vital for health and wellness.

The platform currently focuses on addiction, using its technology to benefit people who are facing sensitive and stigmatised issues. Noting that community support is a critical ingredient for sustaining health, InCommon sees future market potential for making the platform multi-purpose and highly adaptable for building communities for other mental issues, such as post-traumatic stress disorder, anxiety and depression, as well as other health and wellness segments.
Incus Company Limited

Filtering out background noise for hearing aids

Incus Company Limited (Incus) is a Hong Kong University of Science and Technology startup, founded in 2016. Through continuous technology and product innovation, Incus makes sound experiences smarter, purer and safer for users across the world. Incus’s patented technologies separate speech from background noise in real-time and provide effective hearing-loss compensation. This overcomes a major weakness of existing hearing aids which amplify background noise.

By integrating this technology into a Smart Hearing Aid and deploying a direct-to-customer distribution model, Incus strives to make hearing aids more pleasant to wear and affordable to the Chinese hearing-impaired.

Incus has won multiple awards: 1st Prize, Global Ningbo Healthcare Competition, 2018; 3rd Prize, Overseas Talent, Global Information Technology Competition, 2017; 1st Prize, Initial team group, Qianhai Shenzhen Hong Kong Youth Innovation and Entrepreneurship Competition, 2016; 1st Prize, Excellence Award, the Cross-Straits, HK and Macao, Innovation and Entrepreneurship Competition, 2016; Silver Award, on the 6th BOCHK FITMI “Technology Start-Up” Award, 2016; HKQAA Business and Community Support Awards, 2016; 1st Runner-up of HKUST MBA Business Plan Competition, Dec 2015; HKIE Awards winning algorithms for Mass-Customized 3D Surround Sound ; and 1st Prize, HKIOA Meyer Poon Memorial Award.
Interlinkages Consultancy Limited

https://www.interlinkages.online/

Access to international financing for small deals

Interlinkages Online is a proprietary B2B cloud-based cross-border trade finance market place for small and medium enterprises (SMEs) to meet financial institutions, export credit agencies (ECAs) and insurers across the globe.

It is an origination and bidding platform that acts as an aggregator of international SME trade flows and matches these with global credit appetites in the primary market space.

The company aspires to democratise the trade finance marketplace by using technology for disintermediation, thus improving cross-border trade finance access for SMEs, enhancing efficiency and providing cheaper foreign currency financing to bridge financing gaps.

Interlinkages online was soft launched in Bangladesh in September 2016 and generated a turnover of $100 million in the first 18 months of operation in a controlled launch phase with only 15 corporate/SME clients.

The company plans for a full commercial launch in India, Bangladesh, Singapore, Hong Kong and Dubai in phase 2, which includes major import/exports markets.

It is also looking at a Hybrid Marketplace structure through instituting a Trade fund, which will originate, aggregate, fund and distribute small-ticket trade finance transactions so that SMEs get access to foreign currency funding even for small transactions, and banks don’t use the small size as a reason to increase the pricing.
Lady Technologies, Inc.

http://kegg.tech/

Helping women conceive naturally faster

kegg is a consumer health company helping women conceive naturally faster and at the same time access affordable professional fertility guidance. kegg takes advantage of existing medical technology and makes it accessible outside of hospitals. Apart from the fertility market, kegg will provide women with access to natural contraception.
Lecker Labs Limited

https://yomeeyogurt.com

Home-made yogurt a la Nespresso

Yomee is like Nespresso for making fresh yogurt at home. It’s very simple to use – just add any type of milk, insert 100% eco-friendly Yomee pod and cold yogurt is ready in 6 hours. The smart yogurt maker automates and simplifies the yogurt-creation process, letting the user decide exactly what goes in.

Yogurt made from Yomee is fresh, there is no added sugar or unhealthy ingredients. It has low live culture count and no plastic packaging. With its pod technology, it ensures consistent quality of yogurt. Yomee pods come in an array of flavours. Various plant-based pods are available for making vegan yogurt with coconut, almond and soy milk. Together with the free Yomee app that is iOS and Android compatible, the user can set the smart yogurt maker to work overnight, and enjoy fresh, chilled yogurt in the morning. The app also offers a range of yogurt-based recipes and let the user select among various yogurt styles – a thick Greek-style yogurt, a traditional plain yogurt or a smoothie-style stirred yogurt. The app also keeps the user informed about every stage of the yogurt-making process, and issuing alert when the yogurt is heating, cooling, incubating and ready to eat.
Link4 Australia Pty Ltd
https://link4.co

Electronic invoice delivery removes admin hassle for SMEs

Link4 is an Australian fintech company specialising in electronic invoice delivery for small and medium-sized enterprises (SMEs).

Invoicing is a critical function for any business but involves a multitude of challenges, whether they be late payments, lost invoices or the time-consuming practice of manual invoice processing. Link4 endeavours to make life easier for small business owners by providing the ability to exchange invoices securely through their current accounting package.

Link4 promises seamless invoice delivery – users of its service can send invoices directly into their customers’ accounting systems and receive invoices straight into their cloud accounting software.

The innovative e-Invoicing solution is simple and efficient, facilitating savings in invoice delivery along with cash flow management improvements. At the same time, customers won’t need to do manual data entries, physical invoice storage or PDFs attached to emails. Link4 offers a superior approach to the invoicing challenges faced by SMEs with significant cost and time savings.

Link4 has received recognition from its user base, and from government and industry bodies in Australia as well as the UK.
Longenesis Ltd

www.longenesis.com

AI and blockchain powered ecosystem for storing health data

Longenesis is introducing a life data escrow and ecosystem powered by next-generation artificial intelligence and blockchain technologies. Longenesis is a technology company, proposing a new way of health data storage, administration and analytics, powered by blockchain and AI algorithms. Longenesis is co-founded by Insilico Medicine, which focuses on AI for drug discovery and longevity, and Bitfury Group, a leading full-service blockchain technology company. The ecosystem allows patients (data owners) to upload, view, manage and monitor their state of health in a safe and convenient way. On the other side, Longenesis gives doctors, clinics, research facilities an ability to safely store, aggregate and analyse health data.
Luckey is a National High-tech Enterprise founded by a computer design team of masters and PhD graduates of Tsinghua University. The Company is advancing the world of the Internet of Everything with an original tactile sensation algorithm and creative hardware products. Luckey focuses on the core technology of cloud discrimination by neural network algorithms. It has invented Nums, an ultra-thin smart keyboard and a Chinese creation that not only solves everyday problems, but also creates an internet traffic entrance that combines software and hardware with high profit potential and targets the trillion-yuan market of touch-control interconnection. Nums creatively snatches market share by reinventing the touchpad and bringing a new user experience by using a tactile-based algorithm. Luckey obtained an investment of over 20 million yuan from well-known investment institutions shortly after leaving the campus.
Manus Robotics

Wearable robots improve the lives and independence of the disabled

Manus Robotics, located in Massachusetts, develops affordable wearable robots that can help people with disabilities regain their independence and quality of life. Its patented technology, rooted in research done at MIT, is dramatically different from existing exoskeleton products as it provides intelligent daily living assistance and motivates rehabilitation exercises without impeding or forcing its wearer’s movement. A light-weight wrist-mounted device is capable of assisting in everyday activities as it follows the wearer’s gesture commands, enabling patients with upper extremity disabilities to once again complete tasks on their own. The company also offers a cloud-based user monitoring and analytics service that not only allows users to track their own recovery progress and share experiences with their peers, but also enables doctors and therapists to remotely observe patients’ activities and tune their treatment plans. In collaboration with leading rehabilitation facilities, Manus strives to provide more effective rehabilitation treatment as well as safe and independent living at home through the power of wearable robots and big data. It is supported by an NSF grant and seed funding from the Boston Incubation Center.
**MediConCen Limited**

www.mediconcen.com

**Blockchain leveraged to automate medical insurance network support**

Group medical insurance involves employers purchasing insurance from insurers for their employees in order to get medical services and reimbursement from the insurers. However, the process is tedious and could cause friction among all parties. While existing medical networks are able to assist the process and improve the efficiency of the system, they are still lacking in two ways. First, it is not inclusive — only 10% of the medical experts are in the networks. Second, it is inefficient — existing networks process claims based on paper evidence. This creates a lot of manual administration work for all parties and a 6-12 month delay before medical experts get paid.

MediConCen’s project aims at using blockchain technology to build the first automated insurance medical card network in the world.

The company has received HKU DreamCatchers Awards, and was the only awardee under the Fintech category. It was the 1st runner-up in the Cocoon Award. An MOU has been signed with more than 1,000 doctors, and another with a major insurer that has 200,000 group medical clients. It is in funding negotiation with HKX and has received an investment offer from Ignite Vision. It’s pre-money valuation is US$1.6m.
MEDVISIT

http://medvisit.io/

Quality medical attention when away from home

MEDVISIT set out to help travellers tackle the challenge of dealing with an unforeseen health problem arising at the most inconvenient time, while traveling abroad. Its digital platform called MEDVISIT helps travellers overcome various barriers, be it cultural differences, waiting times, language comprehension and translation, to get the right medical care.

The platform facilitates house-call visits between trusted doctors, travellers and expats anytime, anywhere. The patient signs onto the Medvisit platform and enters the time, date and address most convenient for an appointment. The patient pays online and the doctor receives a notification with the patient address. After the visit, the patient automatically receives all the related documents to apply for insurance reimbursement.

Medvisit ensures a qualified doctor is just one click away from a traveller’s destination. Fees are covered by international insurance companies.
Meete

www.meete.co

Helping bricks and mortar retailers succeed online

Meete is a mobile commerce platform that helps local merchants connect with end users and increase sales using promotions, loyalty programs and reviews. Leveraging a recommendation system and gamification, Meete has grown the community on its platform to include more than 400,000 users and 3,000 merchants after more than 2 years into operation. Revenues are also steadily growing. Meete covers the 2 biggest cities of Vietnam – Ho Chi Minh and Hanoi – and is operating in 3 categories – food & beverages, fashion and health & beauty.
**MoniBack**

**Price-protection model guarantees best deals for e-commerce consumers**

MoniBack deals with consumers’ frustration of finding they have paid more for an item when the price of an item they purchased is subsequently reduced. It operates on an insurance model, providing price protection for cross-platform online purchases of commodities for a monthly premium. After individual online shoppers make their purchases, MoniBack keeps track of the price changes of those items and automatically refunds the price difference to the customers. The solution helps to secure the best price of a product for its users. It tracks customers’ online purchases records with their email accounts. With the details of the purchases, the company’s API will trace price changes on the same online shopping platforms. It gives shoppers the flexibility of shopping for their favourite products whenever and wherever they wish, without having to worry if money can be saved by buying it later. The refund period is up to 60 days.

MoniBack serves the e-commerce market in Hong Kong and China. These markets are expected to be worth US$253 million and US$40.3 billion respectively. The e-commerce business in China is growing at a rate of 12.4%, presenting potential for for the company to grow its business.
MOPRIM

www.moprim.com

Intelligently measuring and analysing movement

MOPRIM is developing mobility sensing analytics, based on AI and machine learning algorithms for motion. Its technology gathers movement-related data, including transportation and human movement, using smartphones or wearables. Most movement-related data is unused today due to insufficient solutions. Moprim’s proprietary technology is able to transform movement data into meaningful information for smart cities without using any third-party technology. Its expertise is based on long-term research at the University of Helsinki, and the company has acquired the main IP and patent.
Neosen Energy HK Limited

https://www.neosenenergy.com

Low-cost solution for tracking valuable assets

NeoSmart is a low-cost, long-range asset tracking solution that helps its customers manage their valuable assets more easily. Users can track all assets within a radius of 7 km by setting 3 gateways/repeaters around the monitoring area. The total hardware installation costs less than a smartphone. NeoSmart is different from current RFID tracking devices, which use a short-range communication system. With those devices, the exact location of assets is undetectable even after passing through an RFID reader. With NeoSmart, once the 3 gateways/repeaters are installed, assets can be located within a 7 km radius without using GPS.

The company is currently developing a low-cost paper-thin tracking tag with a printable battery with 10 days battery life. This tag can be used as a luggage tag to prevent loss of luggage or as a wristband to help locate elderly residents in care homes.
Next Software Solutions

www.nextsoftwaresolutions.io

Solution supports compliance and evidence management

Next Software Solutions has built an innovative software-based compliance and evidence management system designed for industries requiring compliance management, collection and management of authentic evidence or accreditation against standards and regulations. It helps businesses and institutions involved in compliance standards and management to achieve their organisational goals and strategies.

The company provides time-saving capabilities, erasing manual processes and empowering users. Built on an API platform, Next Software Solutions has been designed for adaptability across a range of industries.

It can be used as a stand-alone system or become part of an existing software suite, as the design enables seamless integration into most existing software products. The system aims to help organisations gather information, analyse it and turn it into actionable material to thrive in the new digital environment.
**OaCP IE LTD**

www.oacp.it

**Faster and more cost-effective cancer diagnosis**

OaCP dramatically reduces the time it takes to conduct cancer genetic diagnostic tests, as well as the cost. Its patented and validated chemicals improve the efficiency of DNA reactions, allowing labs to speed up tests by as much as 97%, from 36 days to 2 hours, while saving up to 50% of the cost without any changes in their protocols and equipment.

The company is in the Bologna University Entrepreneurial program and received awards at the Silicon Valley TVLP program, Chengdu CIIEC competition 2017 and OTEC Italy 2018. It was enrolled in the Rebelbio 2017 accelerator program and was among the 2017 EPiC finalists.
PARADIGM Innovation, LLC

www.paradigmid.com

Fusing strategy and design to fuel innovation

Paradigm fuses business strategy and design strategy to help client companies become more than they could ever imagine. With a three-fold focus on new ventures, established companies and educational institutions, it uses process-driven, innovation-fuelled design methods to help reduce risk, mitigate failure, accelerate new technologies, and ultimately, participate in realising humanity’s best future.
Pecutus Technologies Limited

www.pecutus.com

AI and blockchain applied for multi-currency exchange and recycling

Pecutus is an AI-driven startup currently enrolled in HKSTP’s incubation programme. Its vision is to help millennials manage their travel money efficiently. The Singapore Tourism Board projected that Asian millennials will spend about US$250 billion on travel by 2020. Pecutus’s go-to-market product is a leftover currency recycling service powered by a community of travellers. The currency needs of different travellers are matched by a patent-pending machine learning engine. The result is best-rate exchange with minimal efforts to recycle travellers’ leftover currencies after every trip. Going hand in hand with this machine-learning engine is a secure, robust and scalable blockchain ledger and a network of ATM-like kiosks to facilitate multi-currency bank notes dispensing and acceptance to facilitate physical money processing for travellers.
POM nv

www.pom.be

Automating administration frees for small operators

POM frees up self-employed people, contractors and micro-companies to spend more time growing their business by helping them to fully automate their administration processes. POM is a very accessible mobile tool which allows individuals to exchange invoices and do follow up and payment. It can reduce the amount of time spent on administration by 4 to 8 hours a month. Launched in Belgium in May 2016, POM has been very well perceived and now has tens of thousands of users.
Randory provides artificial intelligence solutions for the patent industry. With machine reading replacing manual reading in the preliminary search phase of patent examination, Randory is working with IP offices to provide a super fast-track patenting process for inventors. Rather than the current wait of 2-3 years, the client could potentially get a patent in 2 months. The solution not only delivers greater certainties for the businesses, but also produces a big revenue boost for patent-dependent industries like pharmaceuticals.

The solution is currently tested at some of the leading patent authorities around the world, including the European Patent Office and the China National Intellectual Property Administration. Randory’s proprietary Pat-to-GraphTM engine is also able to digest relevant pieces of technology disclosure and auto-suggest patent text, which could save up to 90% of a lawyer’s work (and fees). As a diagnostic tool, its wider application includes instant patent strength appraisal as well as freedom-of-operation identification.
Rheonova designs innovative medical devices for measuring the rheological properties of biological fluids. One of them, Rheomuco, is designed for chronic respiratory diseases like Cystic Fibrosis and Chronic Obstructive Pulmonary Disease. The devices enable personalised follow-up of a patient’s health status, particularly with prognoses in the exacerbation phases, and help reduce the need for hospitalisation or emergency treatments.
Runerra

https://Runerra.com

Monetising neighbourhood errands for shoppers and shops

Runerra connects communities with a new way to do commerce through a hyperlocal, peer-to-peer marketplace. The Runerra process uses traffic within a shared community to match neighbours already on their way to and from a neighbourhood with shoppers who need specific items. After a completed order, data collected from hyperlocal transactions is shared with merchant partners within the neighbourhood. With Runerra’s unique approach, shoppers get what they need, merchants gain access to a new dimension of data and communities come together, one run at a time.
SanoLiBio GmbH

www.sanolibio.com

Cell enrichment platform to offer early-stage cancer diagnostic

SanoLiBio is a medtech start-up focusing on the pre-diagnostic segment. It has developed a fully automated proprietary rare-cell enrichment platform. The process can be employed for the liquid biopsy of rare, circulating tumours (CTCs) and tumour-associated cells. SanoLiBio aims to offer diagnostic applications for early stage cancer and non-invasive prenatal diagnostic, theranostic, prognostic and cancer drug development in general. Its team has spent 2 years on R&D and built a fully automated prototype of the cell enricher as part of the company’s enrichment platform. The platform is being validated by its clinical partner and is patent protected. A second scientific publication has been filed and will be published end of September. The next steps are to finalise serial production of the device, build a team and ramp-up sales and marketing.
Sapenta

www.sapenta.com

Unified digital workplace platform designed to enhance productivity

Sapenta is a pioneering digital workplace platform that responds to the distraction and cognitive overload caused by disconnected and heterogeneous work Apps, which are denting productivity and holding back business results. Sapenta’s vision is to shift away from the narrow focus of intranets, niche apps and tools, to a more holistic and strategic concept of the Unified Digital Workplace of connected tools for work management, collaboration and communication. This provides workers with a central platform from which to access information, knowledge, processes, back-office services (purchases, expenses, corporate travel and leave management), teams, calendars, and reports. All those elements are interfaced via a personalised dashboard that acts as a virtual assistant for every employee, offering an intimate and delightful experience for workers and increasing workplace productivity, collaboration and employee engagement. It also provides business leaders with full visibility and control of work progress for meeting important business performance and profitability KPIs. Sapenta’s web platform of pre-integrated, multi-purpose tools centralises digital services into a unified touchpoint, and adds seamless mobile interfaces to the user experience. The company has launched a minimal viable product (MVP) and secured its first 100 client companies. It was awarded the Best UX and Rising Star 2017 awards from FinancesOnline.
Save-a-Space Limited

https://save-a-space.com/

Cloud space finder and booking app eases parking pain

Save-a-Space is an early-stage start-up providing a cloud-based parking management platform to parking providers and transport operators across several market segments. The solution tackles the increasing challenge to provide sufficient parking with an improved customer experience. Parking operators are keen to employ technology to optimise capacity and revenue while municipal governments are keen to encourage drivers onto public transport and shoppers back into cities. There is also an urgent imperative to reduce traffic congestion and CO2 emissions.

No technology deployed within cities and the transport sector addresses the complex problem of truly integrated end-to-end journey planning. Save-a-Space intends to become a key player in the popular proposition of mobility as a service, linking private and public transport.

It has developed a fully managed cloud software solution that allows parking operators to offer customers the ability to reserve and pay for parking spaces in advance as part of their journey planning. The end-user app integrates real-time parking availability, live public transport information and updates to help commuters seamlessly plan, adapt and complete their journeys.

The company is running a successful commercial pilot with West Midlands Combined Authority across 4 Park-and-Ride car parks in the UK. This has recently been extended, with plans for further expansion across additional car parks with up to 500 spaces.
SciPhysio Limited

www.sciphysio.com

Smart stationary cycling builds muscle strength for the elderly

The elderly version of the Smart Physiotherapy Cloud System offers smart stationary cycling for the elderly in their homes, at elderly centres or their physiotherapist’s clinic. The system includes a stationary cycling device with built-in sensors and a wireless module, connected to a cloud database server configured to store the elderly rider’s profile, physiotherapist assessment, training plans and results, accessible via an iOS mobile application or iPad. The system will help elderly users gain muscle mass and strength and improve their balance, coordination, and flexibility.

For a strength-training program to deliver benefits, it’s important to have continuation and steady progress. This means constantly advancing the intensity of the workout by using appropriate weights to build muscles and help elderly users stay strong. The exercise will help users feel more independent and keep them in better shape to prevent falling. It will also give the elderly a great sense of pride and accomplishment.
Setsuro Tech Inc.

https://www.setsurotech.com/

Fast and economical delivery of genome-editing mice and fertilised eggs

Setsuro Tech Inc. produces genome editing mice and fertilised eggs. Its technology was developed by Dr. Takemoto, a researcher at the Tokushima University and the company’s CTO. With its patented technology, the company delivers mice and fertilised eggs at a faster and more economical rate than its peers.
SightEcho

www.sightecho.com

Smart AR diving mask tracks and displays life-saving underwater information

SightEcho Ltd. is an augmented reality company, founded in April 2017, aiming to extend human capabilities with state-of-the-art technology. Its short-term goal is to build the world’s first smart scuba diving mask “Mirage” with augmented reality and various safety features. Mirage is able to solve the inherent problems of diving. The mask is integrated with a transparent near-eye display and basic communication functions. All the life-saving information needed to dive safely is displayed in the line of sight, including depth, time remaining and no-decompression limit. Divers can also get warnings and safety instructions from their masks, which is an intuitive and novel way to improve the diving experience.

The company will build an online community for divers to record and share their diving trips. Later, Mirage will also have extra functions like underwater colour correction and fish recognition. The company plans to apply the patented optical design to similar products like skiing goggles, bicycle helmets or motorcycle helmets.
Stamplet

http://stamplet.tech/

Amassing consumption data by incentivising receipt uploads

Stamplet operates a data-powered customer engagement platform to empower B2C businesses. The solution encourages consumers to upload paper and digital receipts from any consumption onto its smartphone platform, offering rewards and cashback as incentives for customers. By harnessing these data points from paper and digital receipts, Stamplet connects spending behaviour with consumer demographics and geographic location. The powerhouse of information collected through the platform is used to help businesses understand, acquire and retain customers. The platform is open to subscription by any business, and subscribers can create a customised loyalty program and start gathering analytics around their customers in just 5 days.
Stefanka

https://stefanka.tech

Body measurement solution gets the right fit for clothing buyers and sellers

Montreal-based Stefanka reinvents retailing through its interactive clothing fit solutions and automated volumetric recognition AI technology backed by a solid infrastructure. The firm sets out to solve the problem of sizing inconsistency and provide meaningful and engaging tools to help consumers make their buying decision. The technology, soon to be available in-store and already in use by the uniform industry, aims to enhance the shopping experience while decreasing return costs, increase the average basket size and provide retailers not just “big data” but the “right data” for them to improve profitability and reduce waste.

Stefanka’s retail solution consists of a body data input system, either automatic or manual, and a clothing fit software paired with powerful matching algorithms. A customer portal along with an admin dashboard complete the ecosystem to provide customers with apparel recommendations suited for their morphology, fitting preferences and garment features. Its data infrastructure offers solutions to organise and manage anthropometric data.
Tenderfield provides a cloud-based construction management platform that connects all relevant parties to construction project information in real time and helps automate tenders, document control and various project management processes. The platform also connects its clients with a pre-qualified network of contractors and helps them become more competitive and profitable. The platform has 4 pillar functions, namely Document Management, Tender/Bid Management, Site Management and Construction Lead Network, each with clear and distinctive marketable attributes. Tenderfield’s mission is to utilise technology to mitigate risk and improve efficiency in construction projects. The online tools cover all project roles, from contractors to consultants, architects, sub-contractors and more, to improve productivity. The open collaborating mechanism seamlessly brings together different companies without the need for user registration. The solution’s benefits are apparent to all user types, which helps to increase platform stickiness. The integrated platform has a Construction Lead Network function, a networking effect which allows for exponential growth organically.

The Hong Kong Government strongly supports technology adoption in construction via the $1 billion Construction Innovation and Technology Fund, and the competitive Construction Innovation and Technology Application Centre showcases construction technology which Tenderfield is part of. The company’s unique ecosystem approach is validated by tier-one property developers in Hong Kong.
The Next STEPS

App incentivises walking to disperse rush-hour passenger traffic

The Next STEPS has introduced an award-winning mobile App designed to spread out peak-hour passenger traffic to a wider range of embarkation points. The app, STEPS, offers incentives for office workers leaving work at rush hour to walk to a less crowded metro station or bus stop. Their steps are converted to cash coupons. STEPS is a triple-win solution for mass transportation operators, passengers and companies looking for an innovative marketing solution, as well as promoting healthy lifestyles in a city that is easy to walk around.

Passengers enjoy monetary incentives to walk a few extra miles. Targeted passenger traffic can be directed to physically pass by retail stores or any designated locations. Dispersing passenger traffic helps relieve congestion and stress for mass transportation operators such as MTR and KMB during peak-hours.

The application won the Championship of the Hong Kong Smart City Hackathon 2018.
TherapySelect

https://www.therapyselect.de

New diagnostic improves drug efficacy testing for cancer patients

Cancer therapy is a heavy burden for medical care worldwide, aggravated by the low response rates of patients to drug treatments (about 25%), be it chemotherapy or new targeted drugs. To improve response rates of cancer patients to targeted drugs and to help more cancer patients find an effective therapy, TherapySelect has developed a new diagnostic test to make efficacy testing of targeted drugs much more precise.

The new diagnostic for targeted drugs is based on the technology of the CTR-Test (Chemotherapy Resistance Test) from TherapySelect’s Dr. Frank Kischkel. This CTR-Test can measure the efficacy of chemotherapeutic drugs to find the best chemotherapy option for an individual cancer patient. The CTR-Test is able to identify inefficient drugs before the start of chemotherapy, with a very high probability (>95%).

The technology of the CTR-Test, which uses living tumour tissue from cancer patients (organoids) for testing, will be applied to targeted drugs. By adding targeted drugs, the CTR-Test becomes the Cancer Therapy Response Test instead of Chemotherapy Resistance Test. This new diagnostic is hoped to significantly improve patient care and healthcare systems.
Titanology Limited

http://www.titanology-hk.com

Building on the success of self-sanitising door handles

In 2015, two youngsters, Wong Sum-Ming and Li Kin-Pong, invented a self-sanitising door handle using photocatalytic coating and backlight technologies. This invention has garnered accolades like the Second Place Grand Award in Materials Science at the 66th Intel ISEF, the Gold Award at the 44th International Exhibition of Inventions of Geneva and The Most Outstanding Exhibit at the Yale Science & Engineering Association.

The duo has participated in exhibitions, trade show presentations and product demonstrations to gain more exposure among the investment and tech communities. They have successfully drawn attention from companies and investors worldwide, including the USA, China, Germany, the UK, Switzerland, Korea, India and Hong Kong.

The pair founded Titanology Limited in 2017 with the mission of bringing nano and photocatalytic technologies to a wide range of daily-life applications and striving for a higher standard of living. Titanology was subsidised by two government funding schemes, including NewGen I&ESS with funds of HK$450,000 and CUHK TSSSU 2018/19 with a further HK$500,000. Titanology has also been recommended to join HKSTP’s Incubation Programme.
TuneFork

www.tunefork.co.il

Tuning audio of smart devices to match personal hearing range

Hearing loss affects about 360 million people around the world, making their everyday lives challenging. Many of them experience difficulty using their smartphones. TuneFork enables the user to perform a simple hearing test, and grades the user’s specific hearing problem. The test results, used with sophisticated algorithms to adjust frequencies, create an optimal, custom-made audio experience for the user.

TuneFork is a software that can be integrated into any smart devices, IoT devices and audio-related apps or services. It works with any operating system and is able to optimise all audio content, including phone calls, music and videos etc. The TuneFork technology provides the most accurate self-hearing test in the world. It is simple and ready for use with regular smartphones and a pair of headphones without any additional devices.

TuneFork has won several international competitions, launched a demo application that already has thousands of users and raised money from private investors in Israel, the USA and the UK.
Valoso Hub Ltd

https://valoso.com/

AI platform matches video production freelancers with businesses

Valoso operates an AI platform that helps businesses and freelancers find the best fit and optimises video production and cross-border marketing needs. In its third year as a digital marketing startup, Valoso operates on a Uber-like video production model, and has branched out to include digital advertising services on a global level. The startup’s goal is to be the number one platform for collaboration between businesses and the production/creative industry by simplifying the collaboration process through machine learning, so freelancers can contribute to the development of the society while building their careers without financial uncertainty, and clients can receive good quality deliverables every time.
Vanna

https://vanna.com

Reaching millennial talent with data-driven digital HR content

Vanna noticed that many HR departments were struggling in a digitally native world because they were not adequately resourced or didn’t have the expertise to hire talent in a cost-effective way.

While a job posting was good enough in 2010, effective hiring in 2018 requires expertise across multiple digital touchpoints. The demands of job seekers have changed, especially amongst millennials. It’s about more than pay. It’s about engaging content and a proactive digital outreach.

Vanna creates data-driven digital content about an employer’s culture and work environment, which can be found alongside jobs at vanna.com, and seamlessly embeds it into client sites via Vanna Cloud.

The company uses proprietary algorithms to market employer brands and jobs to a client’s desired candidate demographic and profile, and scale content delivery across multiple digital touchpoints.

Launched in 2017, Vanna has helped over 200,000 millennial job seekers and counts top employers such as AS Watson, Clifford Chance and Deliveroo among its clients.
Vein Authen

Making biometric identification precise and difficult to forge

VeinAuthen is a biometric identity management and computer security solutions company based at Tsinghua University, Beijing. The company provides a high precision anti-counterfeiting system and related smart devices and services such as vein payment, no-card membership, identity authentication, information encryption for banking, social security, education and information security. The project, Biometric Authentication Based On In-vivo Features, won first prize in the 2017 ‘iGlobal’ China-Australia Innovation and Entrepreneurship Competition, the gold medal in the 2017 ‘Kunshan Cup’ Entrepreneurship Competition of Tsinghua University, the gold medal in the 2018 Capital College Student Entrepreneurship Competition and first prize in the 2018 Taiwan ‘rooted cup’ entrepreneurship contest.
Visium Technologies SA

www.visium.ch

Helping businesses leverage AI technology

Visium helps companies conceive, identify, plan and execute their highest value opportunities in artificial intelligence. Visium has developed high-performing fully customised machine learning models from the ground up. With the solutions, Visium delivers value to companies at every level of AI development, whether they are just entering the field or have a solid data science department. Visium maintains a culture of excellence and is committed to retaining best-in-class engineering and business talent. It has a team of 20 top-notch engineers based at EPFL Innovation Park and ETH Zürich. It works with medium-sized businesses and multinational companies, and its clients have engaged the company on follow-on projects after completing the first ones. Positive client reviews and references are readily available.
VisusNano

https://www.visusnano.com

Drug-elution system prevents post cataract surgery complications

VisusNano is developing a drug-eluting intraocular lens for cataract surgery. By improving patient outcomes, obviating the need for eye drops after surgery and avoiding a second surgical procedure, its technology is expected to have the potential to revolutionise cataract surgery in both the human and veterinary markets.

Cataract surgery is the most commonly performed operation worldwide but post-surgery complications exist. Cell proliferation over the lens capsule can impair vision and intraocular infection and inflammation could cause devastating vision loss. Patients are required to administer antibiotic and anti-inflammatory eye drops but elderly patients with multiple medical problems may struggle to follow the routine.

VisusNano introduces a novel biodegradable polymer-based drug-elution system, currently not available in the human or veterinary markets. The drug-elution system can be attached to the lens, allowing slow, controlled release of antibiotic, anti-inflammatory and anti-proliferative agents. The lens will prevent cell proliferation and reduce the risk of infection and inflammation, thus there is no need for eye drops or post-surgery laser treatment.

The company believes the demand for cataract surgery is increasing as the population ages. The global market for cataract surgery devices was valued at US$3.8 billion in 2017. VisusNano is currently in the Babraham accelerator in Cambridge.
WeavAir

http://weavair.com

Optimising indoor air quality and power consumption

WeavAir’s vision is to reduce energy consumption and costs of HVAC systems and improve health and productivity through networked sensor modules that attach to HVAC vents. Its patent-pending devices measure 7 diagnostic metrics, streaming wirelessly in real time. The solutions use predictive algorithms to diagnose failure, save energy and improve indoor air quality.

Compared to its competitors, WeavAir claims its devices track a bigger number of metrics to improve the accuracy of predictive models to prevent failure, save more energy and eliminate contamination sources. The algorithms provide a way to not just detect issues early but also fix them. WeavAir solution is also positioned to serve the enterprise market and provide value-added services through a recurring revenue model.

The company has tested different product iterations and collected over 9 years of device data. WeavAir secured the support of Design Fabrication Zone, NEXT Canada (Next36), Ryerson University, University of Toronto and York University, its early investors and partners. It was the winner of Le Monde Smart City Award, an IoT/WT Innovation World Cup finalist and the Most Innovative startup by SAP.
WETAXI Technology Company Ltd

http://app.wetaxi.com.hk/landing/

Taxi app extended to facilitate smart consumption

Building on the customer base of the WETAXI HK taxi platform, WE SMART MOBILITY has created a small community business circle, providing a mobile phone system that integrates Smart Pay and Smart Buy.
The public can use WE SMART for convenient daily consumption such as on-demand taxi service, dining, entertainment, medical care, travel, financial and insurance services and more.
Users can earn WE DOLLAR rebates that can be used for future consumption and taxi rides on the WETAXI system.
The WE SMART system is deemed able to reduce the cost of product sales and bring competitive benefits to merchants.
WEXTECH HK LIMITED

www.gripbeats.com

Making music with gestures

WEXTECH HK (WTHK) is a Hong Kong startup. It’s proprietary GripBeats® is claimed to be the first wearable technology of its kind that can make music through movement and gestures. The product is an extendable bracelet or a band which wraps around the hand in a unique way. It lets users make use of gripping, fingering, twisting and hitting gestures to make music. The application of the music making technology is also innovative in that it uses the user interface of a mobile phone to store and navigate between different sounds and effects. As well as performing, it can also learn and understand how to make music. The GripBeats® device is the first wearable accessory of its kind that can be used for both education and entertainment in music making.
WildFaces.ai

www.wildfaces.ai

Vision-based AI works faster and sees more than facial recognition

This patent-pending technology is a vision-based artificial intelligence (AI) system that can recognise faces on the fly from moving cameras without the need for any fixed CCTV infrastructure.

Using video streams from drones, walking robots, mobile cameras on smartphones and police body-worn cameras, this highly cost-effective system can recognise and track 33 times more faces, covering 7 times wider areas with just 1/4 of the computation compared to traditional facial recognition systems currently in the market.

The total cost of a system based on this software is only 1/16 that of the others, ensuring market penetration.

The company’s unique Smart Compression capability makes video analytics on the cloud possible even when operating in a limited bandwidth environment.
**XCredits**

https://xcredits.com

*New cryptocurrency platform allows unlimited and instant transactions*

XCredits is creating a new cryptocurrency which uses economic incentives to scale blockchain while ensuring security. XCredits is not a token running on an existing network. It is a new platform being built in-house by XCredits developers. The platform answers a core issue with blockchain – its inability to scale, as reflected by the limit for Bitcoin to have just 3 transactions per second, whereas Visa can process up to 56,000 transactions per second.

The XCredits platform has the potential to reach an unlimited amount of transactions per second and instant transaction speed, thanks to its sharding structure. XCredits is private, secure and assists in regulatory compliance, where arbitrary assets can be represented and traded on the platform.

XCredits uses economic incentives to increase broad network agreement. The faster that shards in the system are synchronised, the more economic rewards the shards are given.

Aiming for low-cost, cryptographically secure and permission-free transactions, the XCredits platform provides irreversible and immutable transactions at a fraction of the cost of a Bitcoin transaction.
**Zhiyan Technology**

http://webot.ai/#0

*Deep learning gears up chatbots for intelligent customer conversations*

Zhiyan Technology is focusing on the fusion of artificial intelligence and customer service, by working on cutting-edge techniques for building dialogue chatbots that learn to engage in natural conversations with humans. It applies a deep language understanding approach to help companies build intelligent chatbots that can improve the quality of engagement with clients’ customers and customer conversion rates. Zhiyan’s mission is to make conversational AI accessible through scalable scenarios, to create a massive shift in the customer service industry.
ZiO Health

www.zio-health.com

Portable biosensor screens quality standards of fluid samples

ZiO Health has developed a portable biosensor technology that senses different parameters in various types of fluids with instant results. It can test fluids such as breast milk, saliva, urine and blood, as well as water and formula milk.

Its first product is ELOSIA, a home-use device specifically for the mainland China market, with which parents can test water, food samples and formula milk for contaminants. Mothers can optimise their breast milk quality through regular monitoring and personalised health advice. The software component allows mothers to optimise their health through personalised results and advice.
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