

Start-up Express 2020
Pitching Final – 10 June 2020
Shortlisted Start-up Profiles in pitching sequence

1.Pantheon Lab Limited

Artificial intelligence



There is a high demand for professionals in the marketing, content, and creative industries, to produce quality and original visual content, such as short promotional videos and emotional engagement resources at a rapid pace that is hard to fulfill clients demands. An innovative way to help the industries keeping up with the needs is necessary. Our solutions utilized the latest deep learning technology (GAN) to create an api service which can self-generate visual contents specified by users.

市場營銷，內容和創意行業的用家對產生高質量和專有視覺內容如短視頻及情感連繫內容的需求迅速劇增，難以滿足客戶的需求。必須找到一種創新的方法來幫助行業滿足客戶需求。我們的解決方案是利用最新的深度學習技術 - 生成對抗網絡 (GAN) 來創建後端服務，從而自動生成客戶指定的視覺內容。

2.Arical

Artificial intelligence; Big Data; Design



Arical accelerates the advent of smart livable cities by empowering organizations with geospatial AI.

Geospatial AI integrates location analytics with artificial intelligence, enabling organizations to uncover hidden patterns, gain actionable insights and increase competitive advantages.

Arical 透過提供地理空間 AI 服務加速實現智慧宜居城市。

地理空間 AI 將位置分析與人工智能結合，令組織能發掘隱藏的市場潛力、獲取重要見解並提高競爭優勢。

Arical 的服務範圍包括地產、建築設計、金融和零售業。

Arical serves the real estate, architectural, financial and retail sectors.

3. Speechless Financial Technology Company Limited

Artificial intelligence



Our core product is a financial spreading automation system called SuperAcc. Historically, commercial banks would carry out a process called “Financial Spreading”, which involve collecting financial reports from the borrowers and breaking them down into standardized fields of data for the bank’s credit analysis system to evaluate the credit quality and provide a lending decision. For a bank to complete the financial spreading of each report, it usually takes a well-trained staff 3 hours to complete

我們的核心產品為 SuperAcc 財務分析自動化系統。商業銀行傳統一般需為客人進行財務分析，其過程包括：從借款人索取財務報告，並將其轉變成標準的數據資料，以供銀行的信用分析系統以評估信貸質素並提供貸款方案。銀行要完成一份財務分析報告一般需時 3 個小時，並需由訓練有素的員工完成。

4. Syn-Tech Fuel Management & Technology Co. Ltd.

Chemical, Bio-tech & Eco-Tech



WoodTonic® Rapid Photocatalytic Air Purification Technology

The company is planning to move forward, with focus on "Nano-Technology's R&D". We have successfully developed to enhance the light sensitivity of nano-ZnO, by doping it with various alkali and or rare earth elements, so that the selected Photocatalyst can be widely and effectively be used by the general public.
Current Project:

“先進燃油管理科技有限公司”於 2015 年 9 月成立,主要從事納米技術之研發工作，並把科技轉移至商業市場。“油霸燃油添加劑”就是運用納米技術,並獲“香港科學園”認可取得香港政府資助。

我們另一項目：“快速光催化空氣淨化技術的研製”利用“納米氧化鋅”,添加各類小量元素,使其表面電子分佈發生變化。經實驗和相關化學和物理研究，我們終於找到方法能將“改性納米氧化鋅”制成透明液體。當噴塗在多孔表面上並用 LED 燈照射，會立即清除以下物質：
• 液化丙烷

1. Development of innovative nano-tech on air purification
2. "Small Water Cluster" by nanotech
3. Solar Cordless Charging System

氣 · 甲醛 · 有機胺, 氨氣 · 空氣傳播的病菌 · 細菌 · 揮發性氯氟化碳 · 稀釋劑
 這項獨特技術有別於一般方法, 安全、可靠及十分環保: · 沒有高效粒子空氣篩檢程式 (會減少氣流) · 不含活性炭 · 不含納米銀 · 不含納米二氧化鈦 · 不含氧化物 · 沒有臭氧發生 · 沒有紫外線照射 · 沒有陰離子產生

5.SPES Tech Ltd.
 Chemical / Bio-tech

SPES Tech

SPES Tech Limited is a Hong Kong biotechnology startup specialized in the development of well-defined biomaterials via protein and genetic engineering techniques. Our proprietary hydrogel technology platform, which highly mimicks the in-vivo microenvironment, enables more physiologically relevant 3D cell models for the next-generation of drug screening in a more predictive way and high throughput manner. The company, established in 2019, is growing rapidly, which has been selected into the Merck China Accelerator and HKSTP Incu-Bio Programme respectively.

SPES Tech 是一家專注于研發高新生物材料的香港初創企業，致力拓展三維細胞培養，建立類器官相關模型，助力基礎研究及藥敏檢測等臨床應用。

公司由香港科技大學科研團隊成立，成員擁有化學、生命科學、工程等專業背景。于 19 年成立以來，團隊發展迅速，成功入選默克中國極速器及香港科學園的生物科技創業培育計畫。

6. Vibint AI Limited
 Artificial intelligence




Vibint AI Limited established in June 2019. We create a virtual keypad called Vitype. Vitype allows smart watch to detect typing on the hand, finger and wrist


以智慧手錶常有的感測器，使用 AI 演算法，實現了手背上的高精度虛擬鍵盤，用應用在智慧產品交互或 IoT 等領域應用，

<p>gesture without adding additional software. Vitype can apply in AR, VR or smart home control. Smartwatch with Vitype will be launched into the market in Q3 2020.</p>	<p>如操作智慧眼鏡，智慧家居，體感遊戲等。</p>
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7.MICology Limited
Artificial intelligence, Big Data & Simulation

 <p>MICology is a Vertical Service Provider (VSP) in Simulation & Visualization .</p> <p>Our goal is to eliminate enterprises barrier of decision making by providing predictive simulation in interactive 3D environments.</p> <p>We deploy simulation programs in remote streaming servers, making the simulation accessible in browsers from any devices, ignoring the hardware limitation.</p> <p>Our simulations are widely used in different sectors, such as robotic devices, geographic information, A.I. synthetic data.</p>	<p>猛高科技是一所專門提供模擬及視覺化的垂直服務供應商。</p> <p>我們的目標是透過 3D 虛擬環境的模擬預測系統，消除企業於決策上的疑慮。我們的系統 可以置放到遙距串流伺服器，讓模擬系統能於各種設備上的瀏覽器運作，解決硬件需求的問題。</p> <p>我們的模擬方案能廣泛活用於各種範疇，例如機械設備、地理資訊、A.I.數據合成。</p>
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8.BUG BROS BIOTECH
Bio-tech, Eco-Tech & Internet of Things (IoT)


 <p>Bug Bros Biotech Ltd., a company incorporated in Hong Kong, specialise in environmental biological research and related technological issues, and provide solutions for dealing with organic waste produced by livestock trade, and by municipality. We also produce insect protein and organic fertilizer, which is part of the green circular economy. The current</p>	<p>BUG BROS BIOTECH LTD 於香港成立，專注於環保生物技術的研發以及相關的技術項目，致力於解決養殖業以及都市有機廢棄物，同時生產昆蟲蛋白及有機肥料，打造綠色循環經濟。目前公司擁有包括基於昆蟲生物技術的有機廢棄物處理專利技術。</p>
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<p>technologies of the company are intelligent waste collection and separation system , and insect-based technology in dealing with organic waste.</p>	
<p>9.Return Helper Limited eCommerce</p> 	
<p>Return Helper is a SaaS platform that leverages Big Data and Machine learning to help online retailers handle eCommerce return effectively, efficiently and eco-friendly.</p>	<p>Return Helper 是一個利用大數據分析和機械學習的雲端平台，幫助網上零售商更有效率及環保地處理網購退貨</p>
<p>10. ImBee Limited Big Data & CRM</p> 	
<p>ImBee Limited enables CRM, leads generation, sales boost and customer service excellence on instant messengers, such as WeChat, Whatsapp and Line with our SaaS platforms.</p> <p>We are Twilio's official golden partner, our clients included different Hong Kong and overseas' blue chips in media, medical, and financial industry.</p>	<p>ImBee 通過自家開發的 SaaS 平台，為客戶於微信，Whatsapp 和 Line 等即時通訊工具上提供 CRM，潛在客戶開發及銷售相關的提升服務。</p> <p>我們是 Twilio 的官方合作夥伴。客戶包括不同的香港和海外藍籌公司，業務範圍更涉及於媒體，醫療和金融等相關行業。</p>
<p>11.Arovia Hong Kong Limited Advanced Materials</p> 	
<p>Arovia was established in 2017. Through its own research and development, it is currently the only company in the world that produces fast-collapsible displays.</p>	<p>Arovia 成立於 2017 年，通過自行研發，是目前全世界唯一一家生產可快速摺疊顯示器的公司。公司產品可隨時隨地連接筆記</p>

<p>The company's products can be carried in one hand and be connected to a notebook, tablet, or mobile phone anytime or anywhere. We will strive to provide a higher-quality, longer-standby, and more portable display that will eventually replace the TV in the future.</p>	<p>本，平板或手機，並能夠隨身攜帶。未來我們將致力於提供更加高畫質，更長待機，更便攜的顯示器，並終將替代電視。</p>
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12. Wineworld Xplorer Limited


Big Data & Fintech



<p>Wineworld Xplorer is a global wine trading & asset management platform, which supports multi-currency buy/sell, bid/ask, cross border logistics & storage solutions. With trading as back bone, we enable big data analysis to come up with wine financial and prediction model. Our goal is to help wine lovers, collectors and investors to gain insights and better manage their wine portfolio with our visualization and proprietary robo-advisory tools on what to drink, what to buy, what to sell & what to invest.</p>	<p>酒世界交易平台是一個國際葡萄酒交易和資產管理平台。平台提供多貨幣買賣和競價功能、跨境國際物流和窖存服務，以便利葡萄酒愛好者、收藏家及投資者。運用了金融科技和大數據分析，平台將會推出人工智能侍酒師和智能投顧機械人，更貼心和高效服務一眾葡萄酒群體。</p>
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13. Shopkyo Limited

Fintech




<p>Spaceship.hk is the first mobile platform in Hong Kong that users can instantly compare and book global door-to-door courier shipment online. Spaceship is officially launched in late August 2019, with the aim to reform the traditional courier industry by providing an all-in-one, fast and easy to use online platform for individual and business customers to</p>	<p>Spaceship.hk 是香港首個快遞比較及預約平台，用戶可以即時網上搜尋並預訂全球門到門快遞。成立於 2019 年 8 月，Spaceship 以科技簡化傳統快遞行業的寄件手續，派遞網絡遍及全球超過 288 個國家及地區，為個人和各類型企業客戶提供一個簡易、</p>
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<p>choose among different couriers and enjoy discounted shipment costs to over 288+ countries.</p>	<p>快速的線上平台，享受更大運費折扣去靈活寄件至世界各地</p>
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<p>14. Transwap Ltd Fintech</p> 	
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<p>TranSwap is a Cross-Border Payments Platform for Businesses, which allows users to seamlessly manage and execute payments globally while reducing FX costs and complexity. Our licenses in Hong Kong, Singapore and Indonesia as well as our wide network of FX Partners enable businesses to collect money, convert to foreign currency and fulfill payments to more than 160 countries in more than 120 currencies.</p>	<p>TranSwap 是一家向全球企業提供低廉、快速、便捷的資金傳送服務的網上平臺。我們的香港，新加坡和印尼的特許經營執照，以及多家著名金融機構的合作和支援，讓我們的客戶可在全球 160 多個國家以 120 多種貨幣發起轉帳。</p>
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<p>15. Inovo Robotics <i>Advanced Materials & Robotics</i></p> 	
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<p>Inovo produces robot arms that can be used to automate a wide variety of repetitive tasks in manufacturing and research applications as well as providing a great tool for education.</p>	<p>生產的機械臂可自動化科研及製造中各種重複性動作，亦可作為具啟發性的教育工具</p>
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<p>16. Gense Technologies Artificial intelligence, Internet of Things (IoT), Medical Technology & Microelectronics</p> 	
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<p>Gense Tech has developed a proprietary low-cost and portable medical imaging</p>	<p>Gense Tech 研發出專利低成本便攜式醫學成像設備，可用於自我管理的健康監測。</p>
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<p>device for self-administered health monitoring. This is the world's first home-based device that scans cross-sectional images of your lungs, abdomen, or limbs in real-time for diagnostic screening. The device enables significantly reduced wait-time and cost compared to CT, ultrasound, and MRI. The technology can also be applied to smartwatches with hand gesture recognition for IoT control and sign language translation.</p>	<p>這是世界上第一台為家庭而設的醫學設備，可以實時掃描肺部、腹部或四肢的橫截面圖像以進行診斷篩查。與電腦斷層掃描、超聲波掃描和核磁共振成像相比，此設備大大減少等待時間和成本。技術更可以應用於具有手勢識別功能的智能手錶，以控制物聯網和手語翻譯。</p>
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17. Decodes Limited
 Artificial intelligence & Big Data



(Product website: handpick.io)

<p>We are a HKSTP Incu-Tech & LEAP company specialize in Big Data & Artificial Intelligence technology. Our expertise is in the ELT of market intelligence & data structuralization algorithm that turns fragmented data into usable insight with Machine Learning process. We are currently using this massive amount of data collected from social media, search engines, and eCommerce to identify trending products, while providing them to influencers for generate engaging content on our Handpick.io social commerce community.</p>	<p>我們是一家 HKSTP Incu-Tech & LEAP 科技創業培育公司研究和應用大數據和人工智能技術。我們的專長是市場情報和數據結構化算法(ELT)，使用機器學習將零散的社交媒體，搜索引擎和電商轉化為可用的數據。我們最新的項目是 Handpick.io 社交平台，將大數據提供給微網紅創建有趣的內容。</p>
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18.MAGPOC Design Limited
 Big Data, Design & Internet of Things (IOT)



<p>Brickspower is a brand of products designed to primarily focus on resolving</p>	<p>Brickspower 是一個專為喜歡外遊，移動力強和愛好科技產品的客戶，設計精巧時尚的科技產品品牌。目標是利用設計學和科</p>
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problems and improving experiences for travellers, commuters and gadget lovers.

Started as a successful Kickstarter project in 2018, our True Wireless Charger has won the German iF Design Award and IDEAS Design Award from the USA.

We have expanded our product portfolio in 2019 with Travel Kit and contributed to the fight against Corona Virus with the Protection Kit.

Our next product line is Travel IoT, building upon our patented modular system (imagine LEGO), and leveraging on the ever increasing power of AI, Cloud and transfer speed, to introduce a range of smart travel products.

Brickspower is solely owned by Magpoc Design Limited.

技上的提升，幫這群客戶解決一些出行上的不便和改善體驗。在 2018 年，我們第一個產品 True Wireless Charger 在眾籌網站 Kickstarter 上成功取得 4000 多名買家的支持，並且在設計界打響頭炮取得國際榮譽。勇奪德國 iF 設計大獎和美國 IDEAS 設計大獎。2019 年我們再接再厲，把產品系列擴充，推出了 Travel Kit。在今年新冠病毒陰影下，團隊仍堅守崗位推出了 Protection Kit 為抗疫戰獻出一點微力。公司的大方向是旅遊物聯網產品，建基於我司的專利模組系統 (聯想到樂高)，並利用日益進步的人工智能，雲端方案及傳輸速度等等，推出一系列智能旅遊物聯網產品。

Brickspower 屬邁博設計(香港)有限公司旗下全資品牌。

19. Open Ocean Engineering (Clearbot)

Artificial intelligence, Eco-Tech & Robotics



Trash today, is collected out of water using boats with nets or simply collection by hand. Clearbot is a swarm of trash collecting robots that use AI-Vision to detect and collect trash from water bodies. These robots are fully autonomous, solar-powered and work as a team to remove trash. In comparison to any current solution, Clearbot is 15x cheaper, has 5x more reach and removes 2x more trash daily.

如今，垃圾是用帶網船從水裡撈出的，或者只是手工收集。Clearbot 是一大批垃圾收集機器人，它們使用 AI-Vision 來檢測和收集水體中的垃圾。這些機器人是完全自主的，太陽能驅動的，並且可以協同工作以清除垃圾。與任何當前解決方案相比，Clearbot 的價格便宜 15 倍，覆蓋範圍擴大 5 倍，每天清除的垃圾也增加 2 倍。

20.Brilliant Guard

Internet of Things (IOT)



BRILLIANT GUARD

Our company sell three things: Smart Lock (portable model), Smart Key, and Key management solution, the key product is the Smart key (Master Key) which store over 100 lock credentials, resolves the critical battery issue, work as electricity booster to unlock the lock even battery drain out , the goal is simple by replacing traditional keys and allow one smart key opens multiple locks. These technology and concept have been patented and doesn't have similar product exist in today market.

公司主要開發三種類型產品：智能鎖、智能匙和鎖匙管理系統。當中智能鎖匙更是市場獨有的專利產品，開發目的是替代現有傳統鎖匙帶來的不方便，不單能代替一佰條舊式鎖匙，更能提供足夠電量開鎖尤其當鎖長期放在室外導致電池用盡。

21. Blue Pin (HK) Limited

Internet of Things (IOT) & Smart City



BluePin is a member company of Incu-Tech programme, HKSTP.

We are offering IPS (Indoor Positioning Service) for different venues, especially exhibition show.

An effective indoor positioning system is built, in terms of low cost, high accuracy, Plug-and-Play infrastructure and good user experience. This award-winning technology was developed from local research lab and is able to provide fusion algorithms enabling optimized signal transmission, multilateral positioning, noise reduction, seamless signal handover between events, special event handling and stabilisation etc.

Furthermore, our system has been deployed at different events in Hong Kong and Mainland China.

BluePin 是香港科技園 [科技培育計劃] 之培育公司。

主要產品是為不同的場地提供有效的室內定位服務，尤其是展覽會。

我們構建了有效的室內定位系統，此系統成本低，易於安裝，能提供高精度定位和良好的用戶體驗。這屢獲獎項的技術是由本地研究實驗室開發的，採用了專有的融合算法，能夠提供優化的信號傳輸，多邊定位，干擾處理，無縫信號切換，特殊場境處理和穩定化等。

此外，我們的定位系統亦已在香港和中國大陸的不同活動中提供服務。