

Five start-up teams receiving Outstanding Performance Award at MAKE a DASH

XY Technologies Limited

Laboratory Genetics and Genomics Limited

Lightron Limited

STRAW Education Limited

FlyingCoffee.ai Limited

Brief introduction of some start-up teams

XY Technologies Limited

Invented the Beagle Breathalyzer to detect the concentration of ketones in exhaled breath, which helps monitor the effectiveness of diet and exercise in burning fat. During the one-year programme, the company completed the development and testing of the prototype, and its miniaturisation. The sensor it produced is 1,000 times more sensitive than its competitors. The team is working with a local sports club to test the breathalyser, and with manufacturers in the mainland to prepare the product for mass production.

Laboratory Genetics and Genomics Limited

A CUHK biotechnology start-up that integrates robust bioinformatic pipelines packaged to process raw genome sequencing data into annotated results. The team has developed ChromoSeek, genomics data analysis software for results visualisation, interpretation and retrieval of rare diseases and cancer genomics. It has entered into cooperation agreements with large hospitals in the mainland that will employ the DNA analysis system in mutation data collection for leukaemia, pushing the boundary of genetic disease research and diagnostic techniques.

Lightron Limited

After graduating from CUHK, the two founders invented the Gentle Kids APP, with the aim of promoting moral education in Hong Kong and mainland GBA cities. Artificial intelligence and big data analysis technologies are used to deliver kids tailored daily missions, which then generate real-time reports to analyse and evaluate their moral performance, providing practical educational tips and solutions for better parenting. The team is currently developing a Gentle Kids school portal that can give teachers a performance overview of each of the students.

STRAW Education Limited

The company aims to gamify the Chinese Learning process from offline to online. It has developed a number of learning materials (e.g., word cards with illustrated characters) and activities targeting learners with minimal Chinese knowledge or difficulties in learning Chinese, including SEN and non-Chinese students. Its products and services have been adopted by more than 50 educational organisations. STRAW is building a new online learning platform and is

recruiting professional Chinese language teachers in the GBA cities to prepare for expansion to overseas markets.

About the Funding Scheme for Youth Entrepreneurship in the Guangdong-Hong Kong-Macao Greater Bay Area

An initiative under the Home Affairs Bureau and Youth Development Commission, the Scheme funds 16 NGOs to collaborate with about 40 entrepreneurial bases in Hong Kong and the mainland cities of the GBA, offering entrepreneurial support and incubation services to young Hong Kong people to start their businesses. For more information, please visit We Venture's website: www.weventure.gov.hk.