

## **First batch of start-ups stationed at HKU TEA, Qianhai**

### **1. SenseAI**

SenseAI is an AI startup incubated by the HKU AIoT Lab at the University of Hong Kong, leveraging cutting-edge AIoT (Artificial Intelligence of Things) technology to serve as a robust data source and intelligent engine powering smart building and smart healthcare solutions. Comprising a multidisciplinary team of university professors, PhD researchers, and seasoned entrepreneurs, SenseAI brings together deep technical expertise and business acumen to transform academic innovations into practical, market-ready products that optimise facility management, energy efficiency, and patient care delivery.

### **2. Clear Robotics**

Clear Robotics is pioneering the development of emission-free, autonomous electric boats and ships that are revolutionising maritime services. The company's fleet of over 10 unmanned vessels are currently deployed for a diverse range of applications, including garbage removal, water quality and weather data collection, hydrographic surveying, and security patrols for government agencies and port authorities across Asia. Leveraging innovative self-docking and solar-charging capabilities, Clear Robotics' proprietary autonomous system can be seamlessly retrofitted onto existing vessels, enabling a sustainable, cost-effective, and easy-to-deploy solution for modernising marine operations and infrastructure. With its commitment to environmentally conscious innovation, Clear Robotics is at the forefront of transforming the maritime industry through the power of intelligent, emissions-free robotics.

### **3. Stellaris AI**

Stellaris AI, an innovative spin-off from the University of Hong Kong, is at the forefront of generative AI technology advancement and commercial deployment. In May 2023, the company unveiled SGPT-2.5, marking a groundbreaking milestone as Hong Kong's first introduction of a hundreds-billion-parameter large language model. Emphasising customisable solutions, Stellaris AI offers its SGPT series of general-purpose large language models, providing enterprises with efficient computing resources, comprehensive development tools, and API services to streamline their operations. Additionally, the organisation delivers technical training and consultancy, enabling businesses and developers to harness the power of generative AI and accelerate their digital transformation initiatives.

### **4. Brain Investing**

Brain Investing, a Cyberport-based fintech company founded in 2017, is pioneering the integration of artificial intelligence and big data analytics to revolutionise quantitative trading. Co-founded by Dr. S.M. Yiu and Dr. Jikun Wu, who bring a wealth of expertise from academia and the hedge fund industry, Brain Investing specialises in developing AI-driven trading systems for institutional investors, including banks and hedge funds. These advanced systems leverage automation to deliver consistent returns with low risk, while reducing operational costs by 50%-80% through streamlined investment research and order execution. Recognized with several industry accolades and holding multiple patents, Brain Investing is actively expanding its footprint in China's Greater Bay Area. In collaboration with the University of Hong Kong, the company aims to further advance AI applications in financial trading, contributing to the global competitiveness of Hong Kong's thriving fintech ecosystem.

## **5. Fugu Technology**

Fugu Technology, an AI startup founded by University of Hong Kong alumni, is leveraging the power of artificial intelligence to drive transformative solutions for the data centre industry and beyond. Boasting a team with deep expertise in natural language processing and seasoned experience in operating leading IoT companies, Fugu Technology is embracing the potential of AI to enhance energy and operational efficiency within the data centre ecosystem. Furthermore, the startup is exploring the application of AI as a personal information agent, catering to the evolving needs of consumers. Combining their multidisciplinary capabilities and entrepreneurial spirit, the Fugu Technology team is positioned to deliver innovative, AI-driven breakthroughs that optimize critical infrastructure and transform user experiences.

## **6. Thermal AI**

Thermal AI Limited is a pioneering technology company specializing in the development of commercial satellite platforms and advanced thermal control systems. Offering a comprehensive suite of integrated solutions, the company provides customers with fast, affordable, and highly reliable products and services. Thermal AI's vertically integrated capabilities span fundamental material research and development, theoretical advancements, product engineering, system integration, and rigorous validation – ensuring the delivery of cutting-edge, end-to-end offerings that cater to the evolving needs of the satellite industry. Leveraging its deep technical expertise and innovative spirit, Thermal AI is well-positioned to drive the next generation of satellite technologies and thermal management systems.

## **7. PokField Technology**

PokField Technology is a leading innovator in non-invasive brain-computer interface (BCI) devices and rehabilitation robots. We have established strategic partnerships with multiple medical robotics companies, integrating our technology to enhance patient care and rehabilitation outcomes. Our mission is to bridge the gap between human cognition and machine capabilities, paving the way for a future where technology seamlessly supports human health and recovery.

## **8. Dynano Semiconductor**

Dynano Semiconductor, an innovative high-tech startup incubated by the University of Hong Kong, is revolutionising the semiconductor materials landscape. Leveraging disruptive technology developed by the university's research group led by Professor Mingxin Huang, Dynano has successfully engineered a groundbreaking new generation of packaging material technologies for third-generation power semiconductors. These pioneering solutions address critical industry pain points faced by third-generation semiconductor power devices, poised to drive transformative advancements in power electronics.

## **9. WeWrites Ltd**

WeWrites Limited develops affordable, AI-powered educational tools tailored for students and institutions in Hong Kong and Mainland China. Our solutions, including AI markers, task managers, and exam systems, enhance preparation for DSE exams and other tests. We are expanding by establishing a new branch in Mainland China to legally distribute services and utilize mature DSE resources from Hong Kong, offering resources for DSE, student tutoring, and teacher training and placement to Mainland institutions.

## **10. Quantum Life**

Quantum Life is an innovative AI-driven platform that is at the forefront of advancing healthy longevity. By leveraging the cutting-edge Aging Biomarker System (AABS) developed by the Hong Kong Quantum AI Lab, the company integrates multi-omics data to provide precise health assessments and personalized anti-aging therapies. Quantum Life's end-to-end solution encompasses pioneering research and clinical applications, facilitated by strategic partnerships with the HK Longevity Medicine Center. Through its comprehensive, scientifically validated approach, the company is setting new benchmarks in personalised medicine and revolutionising the future of aging and health management.

## **11. Engram**

Engram, founded in 2023 by Professor Ma Yi, a renowned expert in computer vision, artificial intelligence, statistics, and applied mathematics, is dedicated to building complete, autonomous, and self-consistent machine intelligence systems. The team, comprising individuals from prestigious institutions such as Microsoft, UC Berkeley, and Tsinghua University, is committed to efficiently and safely serving human life, while promoting sustainable innovation and development.