

Andrew FUNG

LinkedIn: Andrew Fung | GitHub: Andrew-FungKinHo | Personal website: andrew-fungkinho.github.io
YouTube Tech Channel: Andrew Fung (available at www.youtube.com/AndrewFungKinHo)

Education

The Hong Kong University of Science and Technology (HKUST)

Bachelor's Degree in Engineering major Computer Engineering

Hong Kong

09.2018 – 06.2022 (Expected)

IESE Business School

Entrepreneurship Studies (Virtual Pre-MBA)

Barcelona, Spain

01. 2021

Internship/ Part-time Experience

Microsoft HK

Cloud Solution Architect Intern

06.2021 – 09.2021

- Built the online judging platform for HKMA X MSHK Excellence in Digital Transformation Award with **Power Apps** and allow simultaneous editing and dynamic score calculation functionalities with **Power BI** and **Dataverse**.
- Proposed and developed an automated ad-scraping dashboard with at least **290** Digital Transformation Keywords to track the most searched words from IT Decision Makers (ITDM) with **Power Automate** and **Power BI** for competitor analysis.
- Pitched and produced the “**Day in the Life as a MS intern**” video initiative as PIC for recruitment and employee branding.

beNovelty Limited

Web / App Developer Intern

06.2020 – 12.2020

- Coded front-end interfaces for the Blue Sparrow (Poem Reading App) using **AngularJS** and **Ionic** Framework.
- Developed an automation script that generates JSON data from the poem Excel Master File upon updates using Python's **Pandas** library and **OS** module that saved **5 hours** of work per week.
- Connected database with the **NgRx** (Angular Reactive Extensions) framework for State Management.

WeLab Digital Limited

Tech Intern

06.2019 – 08.2019

- Wrote a program that parses the data from scanned E-bank statements using Python.
- Built an informative website that documented the company's Virtual Bank (VB) License Journey.

Industry Experience

Natural Language Processing (NLP) Market News Analysis System

Co-op Industry Project Student

Société Générale

07.2021 – Present

- Designed system components with abstractive summarization, financial sentiment analysis, image-text matching algorithms.

Hong Kong Cyberport University Partnership Program (CUPP)

Team Lead and App Developer

Chipskate

06.2020 – 09.2021

- Awarded the **Champion team** and **IESE Young Talent Path Award** securing Cyberport Creative Micro Fund Grant of HKD\$100,000.
- Developed an AR gamified e-payment solution with **Flutter** and **Unity** incorporating discounts and pitched to a board of Cyberport officials and overseas Investment analysts with test market research in HKUST and CUHK canteens.

Cathay Hackathon 2021

Tech Lead and App Developer

Team Dean Fung

10.2021 – 11.2021

- Awarded the **2nd Runner Up team** and **Round trip economy class ticket** from Cathay Pacific among 60 participating teams.
- Developed a subscription-based travel model with the emphasis of AI-driven disruption management using **Flutter** which offers a higher flexibility in flight rescheduling and hotel rooms re-selection in response to post-COVID last-minute booking.

Fintech Research Project in HKUST

Fintech Student Ambassador

Operations Team

03.2020 – Present

- Organized the Fintechstic Case Competition in partnership with Gini, HKT Limited and Tap & Go Limited, as a part of the Fintech Education Series of Hong Kong Fintech Week 2020.
- Facilitated and created the **FinTech Online Quiz Challenge** to promote FinTech awareness which recorded over **240** page visits (available at <https://fintechstic.ust.hk/>)

Hong Kong Techathon 2020

Team Hacker (technology)

Team Impetus

01.2020 – 01.2020

- Awarded **2nd Runner Up** in Healthcare & Social Impact theme in the Hong Kong Techathon 2020.
- Prototyped a fashionable and wearable Cap (**VisiCap**) built with object detection algorithms and ultrasonic sensors to provide the visually handicapped with safe outdoor experience.

Skills Language: Cantonese (Native), English (Proficient) {IELTS: 7.5/9}, Mandarin (Fluent)

Computer: Familiar with Python (Flask, Django, Pandas, Tkinter, PyTorch), Basic Javascript (AngularJS, Ionic, React Framework), Flutter, C++, Git, JSON, Microsoft Azure, Power Apps, Power BI, Office, Excel, XLMiner, OWA.

Featured Tech projects: [Dynamic Queuing Solution](#), [Discord Crypto Bot](#), [COVID-19 attractions Mapping Visualization](#), [YouTube](#)