# Kin-ho 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)**                                                          **Hong Kong**
Bachelor's Degree in Engineering major Computer Engineering                                              **09.2018 – 06.2022 (Expected)**
**IESE Business School**                                                                                          **Barcelona, Spain**
Entrepreneurship Studies (Virtual Pre-MBA)                                                                               **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 Langauge Processing (NLP) Market News Analysis System**                **Société Générale**
*Co-op Industry Project Student*                                                                                07.2021 – Present
- Designed system components with abstractive summarization, financial sentiment analysis, image-text matching algorithms.

**Hong Kong Cyberport University Partnership Program (CUPP)**                     **Chipskate**
*Team Lead and App Developer*                                                                                   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**                                                        **Team Dean Fung**
*Tech Lead and App Developer*                                                                                   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**                                            **Operations Team**
*Fintech Student Ambassador*                                                                                    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 Impetus**
*Team Hacker (technology)*                                                                                      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