

Ricky, CHU

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🏠 Hong Kong

in [Ricky Chu](#)

🌐 [RikidWai](#)

👤 [Personal Web](#)

Education

BEng(CompSc) - The University of Hong Kong	9/2018 – 6/2023
<ul style="list-style-type: none">Major in Computer ScienceCumulative GPA: 3.36	
Exchange Program – University of Waterloo	1/2022 - 4/2022
<ul style="list-style-type: none">Faculty of Mathematics	
The Globex Julmester Program - Peking University	7/2019
<ul style="list-style-type: none">Energy Economics and FinanceChina Economy: Growth and Global Connections	
Tsuen Wan Government Secondary School	2012 – 2018

Experience

Digital & IT Graduate Trainee – Cathay Pacific	6/2022 – Present
<ul style="list-style-type: none">Gather business requirements and analyze existing business processes from Asian Miles Business team for Customer Loyalty System (CLS)Collaborate with IT teams to ensure proper integration between CLS and other business systems, such as Holidays and marketing automation platforms, and conduct UAT for Customer Loyalty System	
Part-time Data Scientist – Arup	6/2022 – 5/2023
<ul style="list-style-type: none">Developed and maintained image data processing pipeline for Land Use Recognition ModelResearched and assessed the viability of utilizing Generative Adversarial Network (GAN) to design energy-efficient room layoutsAnalyzed geo-data collected from drones to study the efficiency of adopting GPS and LoRa based on GWIN	
Intern in Group Technology Service – FWD GROUP	6/2021 - 8/2021
<ul style="list-style-type: none">Mobile Application DevelopmentBuilt REST API with Spring/Spring Boot and MongoDBBuilt the interface with React Native	
Teaching Assistant - ROBOT INSTITUTE OF HONG KONG	7/2018 – 5/2023
<ul style="list-style-type: none">Engaged children with STEAM EducationContributed in organizing STEAM competition and activitiesPrepared teaching materials related to ICT/Math/AI	

Language

Skills

Cantonese: Native	Programming Languages: Java, Python, JavaScript, R, and C/C++/C#
Mandarin: Native	Libraries: Pytorch, Numpy
English: Advanced	Framework: Spring/Spring boot, Django, React Native
IELTS: 7.5	Database: MongoDB/RealmDB, MySQL, MS Access SQL
	Experience in Mobile App Development, Game Development, Web Development

Projects

Final Year Project - Machine Learning in Archaeology - HKU
<ul style="list-style-type: none">Developed an automatic image processing pipeline

- Developed deep learning models to classify pottery sherds
- 3rd Runner-up in HKU 2022/23 FYP Competition
- Associated with the HKU Ararat Plain Southeast Archaeological Project team

Other Experience

HKU Student Teaching Assistant

COMP2396 Object-oriented Programming and Java

2020-2021 2nd Semester

COMP2396 Object-oriented Programming and Java

2022-2023 2nd Semester

HKU Peer Mentor of Engineering Faculty

9/2020 – 6/2021

Ocean Park X HKU Hackathon 2019

6/2019