

# 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"><li>Major in Computer Science</li><li>Cumulative GPA: 3.36</li></ul>	
Exchange Program – University of Waterloo	1/2022 - 4/2022
<ul style="list-style-type: none"><li>Faculty of Mathematics</li></ul>	
The Globex Julmester Program - Peking University	7/2019
<ul style="list-style-type: none"><li>Energy Economics and Finance</li><li>China Economy: Growth and Global Connections</li></ul>	

## Experience

Digital & IT Graduate Trainee – Cathay Pacific	8/2023 – Present
<ul style="list-style-type: none"><li>4 Rotations – Customer Loyalty Team, BICC Big Data Platform Team</li></ul>	
Part-time Data Scientist – Arup	6/2022 – 5/2023
<ul style="list-style-type: none"><li>Developed and maintained image data processing pipeline for Land Use Recognition Model</li><li>Researched and assessed the viability of utilizing Generative Adversarial Network (GAN) to design energy-efficient room layouts</li><li>Analyzed geo-data collected from drones to study the efficiency of adopting GPS and LoRa based on GWIN</li></ul>	
Intern in Group Technology Service – FWD GROUP	6/2021 - 8/2021
<ul style="list-style-type: none"><li>Mobile Application Development</li><li>Built REST API with Spring/Spring Boot and MongoDB</li><li>Built the interface with React Native</li></ul>	
Teaching Assistant - ROBOT INSTITUTE OF HONG KONG	7/2018 – 5/2023
<ul style="list-style-type: none"><li>Engaged children with STEAM Education</li><li>Contributed in organizing STEAM competition and activities</li><li>Prepared teaching materials related to ICT/Math/AI</li></ul>	

## Language

## Skills

Cantonese: Native	Programming Languages: Java, Python, JavaScript, R
Mandarin: Native	Framework: Spring/Spring boot, Django, React Native
English: Advanced	Database: MongoDB/RealmDB, MySQL, Elastic Search
IELTS: 7.5	Cloud: AWS
	Experience in Mobile App Development, Web Development

## Projects

Final Year Project - Machine Learning in Archaeology - HKU
<ul style="list-style-type: none"><li>Developed an automatic image processing pipeline</li><li>Developed deep learning models to classify pottery sherds</li><li>3rd Runner-up in HKU 2022/23 FYP Competition</li><li>Associated with the HKU Ararat Plain Southeast Archaeological Project team</li></ul>

## Other Experience

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HKU Student Teaching Assistant

COMP2396 Object-oriented Programming and Java

2020-2021 2nd Semester

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2022-2023 2nd Semester