

IAN YI-EN PAN

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EDUCATION

The Chinese University of Hong Kong

2017 - 2021 (expected)

B.Sc. in Computer Science + BBA minor in Finance

GPA: 3.57/4.00 (Dean's List Award)

WORK EXPERIENCE & PROJECTS

Blockchain Software Engineer Intern

CryptoBLK Limited

May - July 2019

Science Park HKSTP

- ◇ Developed and deployed a smart contract architecture with R3 Corda, facilitating bank transactions, varied forms of contracts, and customer information hashed cryptographically on private ledgers.
- ◇ Utilized Spring and React to create a stand-alone, production-grade application with Progressive Web App features and a modern user interface, embedding self-designed flow logic of Corda blockchain.

World Finalist Team Leader, Cybersecurity Case Competition

EY

March 2019

Hong Kong

- ◇ Led a team of four to participate in EY's real-life simulation of responding to a cyberattack in 2019 Asia-Pacific finals hosted in Hong Kong, amongst the top 9 teams around the world.
- ◇ Researched in ERP systems and management tactics for internal control and cybersecurity defense frameworks, conducted impromptu speeches, attended shareholder conferences, and decoded encrypted messages.

Programming Instructor

Circle Coding (educational, experience-sharing organization)

Sep 2018 - Present

Hong Kong

- ◇ Designed and led a year-long Python workshop for 40+ university undergraduates with different technical backgrounds, ranging from Computer Science majors to Quantitative Finance students.
- ◇ Gave tech-talks and hosted bootcamps for 20+ people on blockchain, web-scraping with Python, terminal skills, interactions with bash and zsh, React web-page development and UX/UI design.

Part-time React Front-End Web Developer

CUHK Business School

Nov 2018 - Feb 2019

Hong Kong

- ◇ Maintained a Game Theory Platform for students in CUHK DSME4040 to better understand economic models such as the Cournot and Stackelberg competition, Bertrand and differentiated products, etc.
- ◇ Designed and implemented a software architecture with real-time database and back-end provided by Firebase and utilized the room feature in socket.io, allowing multiple lecturers to start sessions simultaneously.

TECHNICAL STRENGTHS

Computer Languages

Java, Python, Kotlin, C, JavaScript

Development Frameworks

Spring, Django, React, Node.js, Firebase, TensorFlow

Programming Societies

Google DSC Core Team, Circle Coding, First Code Academy

LANGUAGES

Mandarin

Native

English

Proficiency

German

Proficiency (Goethe Zertifikat C1 & TestDaf 18/20)