

# Frank YIU

PROGRAMMER · WEB DEVELOPER

Toronto, ON, Canada

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## Summary

**OWP holder living in Toronto.** Highly motivated developer searching for an entry-level developer position at a software company. 1-year experience in full-stack development and web design after graduating from university. Proficient in front-end and back-end development, writing codes, and troubleshooting simple/complex issues.

Technical Skills: Java(SpringBoot), ReactJs, NodeJs, SQL

Languages: Fluent in English and Mandarin; Native in Cantonese

## Work Experience

### Ringus solution Enterprise LTD

Hong Kong

FINANCIAL APPLICATION DEVELOPER

Jul. 2021 - Jul. 2022

- Worked in a team of 10 developers to develop UI, web application, backend micro-service for forex trading platform
- Completed a payment gateway system capable of handling high-loading traffic up to 400 request/s, utilizing Java, JavaScript, and database knowledge.
- Revamped internal legacy by introducing micro-service architecture
- Maintained and troubleshooted the financial system as a daily routine
- Cooperated with the senior developer to design the system architecture and user interface

### Hong Kong Monetary Authority

Hong Kong

PROGRAMMER, FULL-TIME PLACEMENT

Jun. 2020 - Jan. 2021

- Worked in the Hong Kong central banking institution
- Implemented a database reconciliation platform in Python script programming to reconcile banking data between different IT systems
- Cooperated with subject officers and vendors to enhance internal programs
- Conducted testing on latest system build before deployment
- Prepared incidents log and documentation for system defects and system configuration

### HKUST Entrepreneurship Center

Hong Kong

WEB DEVELOPER, IN CAMPUS PART TIME

Oct. 2018 - Feb. 2019

- Cooperated with colleagues to maintain the websites and database
- Implemented an Online Booking system for students and advisors to schedule appointments
- Assisted with Entrepreneurship Center to organize Hackathon UST 2019

## Certificates & Awards

### INTERNATIONAL

- |      |  |        |
|------|--|--------|
| 2022 | <b>Grade 5, 7 Credit</b> , Full Stack Open 2022, online course in University of Helsinki | Online |
| 2020 | <b>JavaScript Algorithms and Data Structures Developer Certification</b> , freeCodeCamp  | Online |
| 2020 | <b>APIs and Microservices Developer Certification</b> , freeCodeCamp                     | Online |
| 2018 | <b>Second Class Award</b> , NXP Cup National University Students Intelligent Car Race    | China  |

## Education

### The Hong Kong University of Science and Technology

Hong Kong

B.ENG. IN COMPUTER SCIENCE AND ENGINEERING

Sep. 2017 - Nov. 2021

- Second Class Honors, Division I
- CGA: 3.435
- Dean's List at 2017-2018 Spring

## Skills

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**Tasks:** Troubleshoot and maintain the system, Develop codes, Write test cases, Design and brainstorm solutions with senior

**Programming Language:** Java, JavaScript, C++

**Framework & Library:** Spring boot, Nodejs, Reactjs

**Database:** MySQL, Microsoft SQL Server

**Languages:** Native in Cantonese, Fluent in English and Mandarin

## Extracurricular Activity

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### HKUST Robotic Team

*Hong Kong*

MEMBER

*Sep. 2017 - Aug. 2018*

- Worked in a high-pressure and competitive environment with different nationality
- Participated in a robotics competition and won a second-class award.
- Gained expertise in robotics & software development areas, especially about programming on embedding systems based on C++.