

XAVIER ONG

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EDUCATION

National University of Singapore
Bachelor of Computer Science

Aug 2022 – Dec 2025
CAP 4.5/5

SKILLS

Languages: Python, Java, JavaScript

Technologies: React.js, MySQL, Git, React Native, Firebase, Pandas, Scikit learn, Flask

EXPERIENCE

National University of Singapore

Teaching Assistant,

Singapore
Aug 2022 – Dec 2022

CS1101S Programming Methodology I

- Facilitated class of 8 students
- Taught fundamentals of programming such as Data abstraction, Functions, Higher order functions
- CS2040 Data Structures and Algorithms
- Taught a class of over 20 students on how to approach and solve Data Structure and Algorithm Questions
- Weekly live coding demonstrations on how to solve the "Hard" problem set in class

Aktus M.U Kreative

Software Engineering Intern – E-commerce Startup Company

Singapore
May 2022 – Aug 2022

- Built a testing Machine Learning Model to predict prices of items in Python using TensorFlow and ScikitLearn
- Integrated Machine Learning Model with web application using Flask

PERSONAL PROJECTS AND HACKATHONS

YiQiChi

Social Media application for Foodies

May 2022 – Aug 2022

- Tech Stack: React Native, Firebase, Git
- Worked in a team of two to develop this app, under the Orbital Module in NUS
- "Instagram" like feed for users to post pictures and reviews of restaurants
- "Maps" feature to locate nearby restaurants
- Documentation Link: [YiQiChi Documentation](#)

BwBot

Telegram bot to book gym slots

Feb 2021 – Mar 2021

- Tech Stack: Python, MySQL, SQLAlchemy, telebot API, Selenium
- Telegram frontend to allow users to book gym slots from the telegram app via a bot
- Backend handled by Selenium for web automation, and SQL to store user data

Shopee Code League

Participant in 2021 and 2022 Shopee Code League

- Tech Stack: Java, Python Pandas