

Ho Soon Zhi (Brandon)

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EDUCATION

Imperial College London

MEng Computing (First-year: 76%)

London, UK

Sep. 2019 – Jul. 2023

Bellerbys College

A-Levels (3A*s 1A)

Brighton, UK

Apr. 2018 – Jul. 2019

EXPERIENCE

Mentee

Amazon EMEA

London, UK

Apr. 2021 – Jul. 2021

- Accepted into Amazon's spring program to receive mentoring on joining them for internship and graduate roles.
- Attended technical workshops, learnt about Amazon's culture of customer obsession and the importance of self-promotion.

Junior Consultant

Imperial Junior Solutions

London, UK

Feb. 2021 – Present

- Working remotely with professional networking startup - Revmo.
- Designed end-to-end testing with Cypress for full user journey and assisting in React frontend development of MVP.

Virtual Web Development Intern

Curlec (FinTech Startup)

Kuala Lumpur, Malaysia

Jun. 2020 – Aug. 2020

- Assisted in R&D for the integration of Two-Factor Authentication and early-stage development of an e-Signature platform.

PROJECTS

eklan.my | React, NodeJS, Express, MongoDB

Dec. 2020 – Present

- Developed an online directory for home businesses in Kota Kinabalu to support and uplift the local community amidst the pandemic. The team started this project when we realised that there was no centralised platform for these vendors, making it difficult for people to discover them. We have onboarded over 100 vendors to date.

WACC Compiler | Java

Jan. 2021 – Mar. 2021

- Engineered a compiler from scratch with ANTLR for the WACC language.
- Implemented extensions such as strongly-typed pairs, classes and dynamic variables.

PintOS | C Programming Language

Oct. 2020 – Dec. 2020

- Group project to extend an operating system framework with advanced features.
- The team implemented support for user programs, priority scheduling and virtual memory.

ARM11 emulator and assembler | C Programming Language

May. 2020 – Jun. 2020

- Developed an assembler that translates ARM assembly into binary. The emulator can then simulate its execution on a RaspberryPi.

TECHNICAL SKILLS AND INTEREST

Programming Languages: Java, C, JavaScript, Haskell, SQL.

Technologies / Framework: Git, ReactJS, NodeJS, MongoDB, Cypress, exposed to CI/CD and Docker.

Languages: Fluent in English, Mandarin, Cantonese, Hakka and Taishanese. Intermediate in Malay.

Extracurricular: Head of UK (2020/21) for iCUBE International, a non-profit student-led organisation focused on fostering an entrepreneurial and innovative mindset amongst Malaysian students.