Ho Soon Zhi (Brandon)

+60168198522 | szh19@ic.ac.uk | linkedin.com/in/bhsz/ | github.com/bhsz

EDUCATION

Imperial College London London, UK
MEng Computing (First-year: 76%) *Sep. 2019 – Jul. 2023*

Bellerbys College Brighton, UK
A-Levels (3A*s 1A) *Apr. 2018 – Jul. 2019*

Sabah Tshung Tsin Secondary School Sabah, Malaysia
Sijil Pelajaran Malaysia (SPM) *Jan. 2013 – Feb. 2019*

EXPERIENCE

Junior Consultant London, UK
Imperial Junior Solutions *Feb. 2021 – Mar. 2021*

- Worked with professional networking startup Revmo on a 5 week remote contract.
- Assisted in React frontend development and wrote integration tests with Cypress for the full user journey.

Web Development Intern (Virtual) Kuala Lumpur, Malaysia
Curlec (FinTech Startup) *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 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.