

# Ho Soon Zhi (Brandon)

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## EDUCATION

### Imperial College London

*MEng Computing*

London, UK

Sep. 2019 – Jul. 2023

- First-year: 76%
- Second-year: 82% (Dean's List)

### Bellerbys College

*A-Levels (3A\*s 1A)*

Brighton, UK

Apr. 2018 – Jul. 2019

## WORK EXPERIENCE

### Tech Intern

*DoctorOnCall (MedTech Company)*

Kuala Lumpur, Malaysia

Jul. 2021 – Present

- Developing robotic process automation API to access legacy government portal, saving RM500k of development cost.
- Enabled automated PageSpeed Testing in batches via Google API.
- Designed script for Excel data cleaning and extraction.

### Junior Consultant

*Imperial Junior Solutions*

London, UK

Feb. 2021 – Mar. 2021

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

### 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

### Basket | Flutter

Jun. 2021 – Present

- Developed a mobile app that aims to help food charities streamline external communications, at the same time make it as easy as possible for businesses to donate.
- Currently engaged with a consulting group to explore further extensions.

### 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 about 150 vendors to date.
- Engaged by a state assemblyman to organise an online Chinese New Year night market amidst the pandemic. Vendors collectively made RM5,000 in sales.

### 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 a simple operating system with advanced features.
- The team implemented support for user programs, priority scheduling and virtual memory.

## TECHNICAL SKILLS AND INTEREST

**Programming Languages:** Java, C, JavaScript, Haskell, Dart, Python.

**Technologies / Framework:** Git, React, NodeJS, Flutter, 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.