Ho Soon Zhi (Brandon)

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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*

EXPERIENCE

Tech Intern   Kuala Lumpur, Malaysia
DoctorOnCall   *Jul. 2021 – Present*
- DoctorOnCall is Malaysia's first & largest online healthcare platform.
- Enabled automated PageSpeed Testing in batches via Google API.
- Developing robotic process automation API to access legacy government portal, saving RM500k of development cost.

Junior Consultant   London, UK
Imperial Junior Solutions   *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.

Virtual Web Development Intern   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

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 an operating system framework 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.