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*

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

EXPERIENCE

Web Development Intern (Virtual) June 2020 – Aug. 2020
Curlec (FinTech Startup) *Kuala Lumpur, Malaysia*
- Assisted in R&D for the integration of Two-Factor Authentication and early-stage development of an e-Signature platform.

PROJECTS

eklan.my | *React, Node.js, 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.

DahOrder? | *React, Redux, Node.js, Express, MongoDB* June 2020 – Aug. 2020
- Developed a virtual menu builder and a simple online Point-of-Sales (POS) system as a prototype to our startup idea.
- Dahorder is an online POS system that automates taking orders and making payments. We aim to disrupt the market by providing a solution that requires minimal hardware and capital.
- Finalist in The University Startup Challenge 2020 organised by Malaysia Global Innovation & Creativity Center (MaGiC).

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 – June 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: Prefer Java and C. Familiar with JavaScript. Previously used Haskell.
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.