

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

Sabah Tshung Tsin Secondary School

Sijil Pelajaran Malaysia (SPM)

Sabah, Malaysia

Jan. 2013 – Feb. 2019

EXPERIENCE

Web Development Intern (Virtual)

Curlec (FinTech Startup)

June 2020 – Aug. 2020

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 a full-stack web application as an ordering platform for local distributors and manufacturers. This project was started because I realised that businesses in my hometown are rather inefficient. They are still physically going door-to-door and taking orders with pen and paper.

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 to program in 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.