

# Ho Soon Zhi (Brandon)

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## EDUCATION

### Imperial College London

London, UK

*MEng Computing*

*Sep. 2019 – Jul. 2023*

- On track for First Class.
- Recipient of Dean's List Award (Top 10% in cohort) in Year 2 and Palantir Global Impact Scholarship.
- Undergraduate Teaching Assistant for programming tutorials in Year 3.
- Modules include Operating Systems, Networks & Communications and Software Engineering Design.

## WORK EXPERIENCE

### Forward Deployed Software Engineer

London, UK

*Palantir Technologies*

*Mar. 2022 – Aug. 2022*

- Working with the UK government and National Health Service (NHS) to reduce the backlog of patients waiting for elective care after the pandemic.

### Tech Intern

Kuala Lumpur, Malaysia

*DoctorOnCall (MedTech Company)*

*Jul. 2021 – Sep. 2021*

- Spearheaded back-office transformation through automation. My projects include developing robotic process automation API to access legacy government portals, enabling bulk user data cleaning & upload, and setting up cron jobs for batched Google PageSpeed testing. These have collectively yielded cost savings of RM500,000 (~£90,000).
- Built an API to track user activity throughout the site. These data will later be used to develop recommendations.

### Software Consultant

London, UK

*Imperial Junior Solutions*

*Feb. 2021 – Mar. 2021*

- Worked remotely with professional networking startup - Revmo.
- Communication and coordination were done through Slack, Linear and Zoom.
- Designed end-to-end testing with Cypress and assisted in React frontend development of MVP.

### Web Development Intern

Kuala Lumpur, Malaysia

*Curlec (FinTech Startup)*

*Jun. 2020 – Aug. 2020*

- Assisted the integration of Two-Factor Authentication for PCI DSS compliance.
- Developed a URL shortener for internal services.
- Supported R&D for the early-stage development of an e-Signature platform.

## PROJECTS

### eklan.my | React, NodeJS, Express, MongoDB

Nov. 2020 – Present

- Started this community project when my friends and I realised that it was difficult to discover local home businesses.
- Developed an online directory for home businesses in Kota Kinabalu to support and uplift the local community amidst the pandemic. We have onboarded about 150 vendors to date.
- Sponsored by a state assemblyman to organise an online Chinese New Year night market for existing vendors amidst the pandemic. The event garnered 12,000 live viewers and vendors collectively made RM5,000 (~£900) in sales.
- Organised a donation drive and helped 16 families who were struggling due to long periods of lockdown.

### Basket | Flutter, Firebase

Jun. 2021 – Aug. 2021

- Developed a mobile app that aims to help food charities streamline external communications and make it as easy as possible for businesses to donate.
- Engaged by consulting group to explore collaborations.

### 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

- Team 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

**Languages:** Fluent in English, Mandarin, Cantonese, Hakka and Taishanese. Intermediate in Malay.

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

**Technologies / Framework:** Git, React, NodeJS, Flutter, Cypress, exposed to CI/CD and Docker.

**Awards:** Microsoft Azure Award (InvestHack Bursa Malaysia 2020), Top 10 of 180 teams (Jacobs Startup Competition 2021), Finalist (Malaysia Global Innovation Centre University Startup Challenge 2020).

**Extracurricular:** Head of UK (20/21) @ iCUBE International (Non-profit student-led organisation focused on fostering entrepreneurship amongst Malaysian students), Amateur pianist (ABRSM Grade 7), Karateka (1st Dan Black Belt, former national representative).