

Brendan Chia

Year 3 Information Systems major with interest in software engineering, architecture and fintech.

Contact

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Education

National University of Singapore,
Aug 2020 – May 2024

BSc in Computing, Information Systems
GPA: 4.25/5.00 (Second Upper Class Honors)

Professional Experience

Full Stack Mobile Engineer Intern

GovTech May 2022 – Nov 2022

- Developed a feature where users can submit improvements to any Singapore government agencies through a single entry point, integrated with React Native and Node.js.
- Designed and implemented unit and integration tests for multiple endpoints.
- Leveraged Agile methodologies to fulfill mission objectives.

Front-end Software Engineer Intern

Accredify May 2021 – Aug 2021

- Single handedly developed the UI for an email template builder and a course program builder to allow clients to freely customise certificate emails and course progressions intuitively from scratch.
- Utilised HTML, CSS and JavaScript.

Teaching Assistant *Aug 2021 – May 2022*

National University of Singapore

- Taught a group of 25 students on Object-Oriented Programming and Functional Programming in Java over two semesters.
- Guided them through weekly technical assignments with emphasis on good coding practices to develop medium scale Java programs.
- Achieved 4.6 / 5.0 in teaching feedback.

Languages

Java; MySQL; JavaScript; HTML5; CSS; Python;

Technologies

Angular; React; Material UI; Jakarta EE; Git; PostgreSQL

Side Projects

[brendancjz/tompang](https://brendancjz.com/tompang)

Led a team of four software engineers to develop Tompong, an Ionic mobile application with an administrative JakartaEE web application, both leveraging on Glassfish. Tompong is a mobile application acting as a marketplace for Singaporean travelers.

[NUS-Fintech-Society/BC_generativeNFT](https://nus-fintech-society.github.io/BC_generativeNFT)

Lead engineer for NUS Fintech Society generative NFT project, a website exclusively for society members to view and mint NFTs created by society members. Developed with React, Solidity and Web3.js on Rinkeby TestNet.

[brendancjz/boluibot](https://brendancjz.com/boluibot)

Telegram bot that tracks spendings and earnings in an intuitive and interactive way. Deployed with Java and Telegram API on Heroku server using Heroku PostgreSQL as its secure database.

[brendancjz/bestbuds-bot](https://brendancjz.com/bestbuds-bot)

Telegram bot that automates and collates birthday messages for upcoming birthdays in a friend group. Deployed with Java and Telegram API on Heroku server using Heroku PostgreSQL as its secure database.

Co-Curricular Activities

- NUS Fintech Society — Blockchain Developer 2021
- Residential College 4 — Badminton Student Coach 2021–2022