

Brendan Chia

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

Contact

Email: brendancjz@gmail.com

GitHub: github.com/brendancjz

Web: brendanchia.com

LinkedIn: linkedin.com/in/brendancjz

Education

National University of Singapore

Aug 2020 – May 2024

BSc in Computing, Information Systems

Professional Experience

Full Stack Mobile Engineer Intern

Government Technology Agency — LifeSG

May 2022 – Jan 2023

- Developed a feature on a mobile app with a React Native and Next.js frontend and Node.js backend. This feature allows users to submit improvements to any Singapore government agencies through a single entry point.
- Designed and implemented unit and integration tests for multiple endpoints using Jest testing framework.
- Leveraged on Agile methodologies to fulfill project requirements.

Front-end Software Engineer Intern

Accredify May 2021 – Aug 2021

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

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.
- Sparked a passion for mentoring other engineers by developing them to create a wider impact on society and expanding their understanding in programming.

Languages

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

Technologies

Angular; Docker; React; Material UI; Jakarta EE; JSF; Git; PostgreSQL; Postman; Atlassian Suite

Side Projects

[brendancjz/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](#)

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/boluiobot](#)

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](#)

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

- o NUS PowerLifting — Participant 2022
- o Residential College 4 — Badminton Student Coach 2021-2022
- o NUS Fintech Society — Blockchain Developer 2021-2022
- o Victoria School (Sec), Temasek Junior College — Badminton Captain 2013, 2015, 2017