

Hsu Zhong Jun

hsu@zhongjun.me

www.zhongjun.me | github.com/dcshzj | linkedin.com/in/hsuzhongjun

Computer Science graduate with a focus on database systems and passionate about full stack development. A committed and proactive problem solver capable of crafting innovative solutions to achieve business objectives.

EDUCATION

National University of Singapore (NUS)

Aug 2018 – May 2023

Bachelor of Computing (Honours), Computer Science, GPA: 4.63/5.00

Bachelor of Business Administration (Honours), Supply Chain Management, GPA: 4.53/5.00

EXPERIENCE

Software Engineer Intern

Singapore

Open Government Products (OGP), Government Technology Agency (GovTech)

Aug 2022 – Dec 2022

- Streamlined the process of launching new government websites and attaining time savings of almost 50%, by enacting a new management workflow for over 300 users on the Isomer content management system (CMS).
- Conceptualised a seamless and secure method for agencies to embed Instagram posts on Isomer websites.
- Implemented a novel solution to boost developer productivity by over 20%, by leveraging GitHub Actions to execute the long-running end-to-end tests, freeing up developer resources to work on more productive tasks.

Software Engineer Intern

Singapore

Visa Inc.

May 2022 – Aug 2022

- Strengthened the Global Promotions and Offers solution against potential fraud by integrating the signup process with Visa internal tools to detect campaign participation by sanctioned individuals and organisations.
- Optimised promotion management workflows that power over 100 campaigns for Visa cardholders globally.

Frontend (Web) Developer Intern

Singapore

SurerSG

May 2021 – Aug 2021

- Consolidated the deal-closing process and enabling over 100 insurance intermediaries and insurers to manage clients more efficiently, by establishing a new and simplified frontend interface for the Surer product platform.

Data Engineer Intern

Singapore

BLOCK 71, NUS Enterprise

Jun 2020 – Dec 2020

- Empowered the team to better understand business needs and optimise incubation support provided for over 300 startups hosted in NUS Enterprise, by initiating data-driven decision-making processes using technology.

Software Development Intern

Singapore

NUS Information Technology

May 2019 – Aug 2019

- Reduced the application processing time of prospective lifelong learners by 40%, by integrating the Enterprise Resource Planning (ERP) system with SingPass MyInfo, which provides Government-verified data of residents.
- Streamlined labour-intensive processes to realise time savings of over 30%, by integrating RPA into workflows.

PROJECTS

reposense/RepoSense

- Lead engineer and maintainer for RepoSense, a tool to analyse Git contributions and visualise the findings on a web-based dashboard for over 300 software engineering students per semester, written in Java and Vue.js.

balchivist/web | balchivist/api

- Pioneered Balchivist, an automated job queue manager and scheduling system for archiving over 10 TB of data every month with a public-facing API. Funded by the Wikimedia Foundation, developed using Django and Nuxt.

SKILLS

- Programming Languages:** CSS, HTML, Java, JavaScript, Python, SQL, TypeScript
- Technologies:** Angular, Bootstrap, Django, Git, Jest, JUnit, Linux, Node.js, Nuxt, React, Spring Framework, Vue.js
- Others:** Agile, Adaptable, Collaborative, Communication, Creative, Initiative, Innovative, Leadership, Teamwork