

Goh Jun Yi

+65 96570066 • gohjunyi00@gmail.com
github.com/[junyi00](#) • linkedin.com/in/[goh-jun-yi](#) • [gohjunyi.dev](#)

EXPERIENCE

Morgan Stanley | *Software Engineer Intern, Singapore* May 2024 – Aug 2024

- Designed and deployed a scalable, extensible data system with Spring, Kafka and React to parse high-frequency trading data to achieve real-time metrics and operational issue detection

NodeFlair | *Software Engineer Intern, Singapore* May 2023 – Dec 2023

- Developed an AI-powered resume builder with personalized recommendations, real-time feedbacks, and PDF export capabilities
- Engineered newsletter feature that recommends weekly job opportunities and other data based on users' job search status and preferences, now utilized by over 1000 users

CVWO | *Software Engineer Intern, Singapore* May 2022 – Aug 2022

- Led a team of 3 to design and implement 2-factor authentication (SingPass, Email, TOTP) for an elderly management system, currently being deployed for 2,500 staff and over 20,000 seniors
- Spearheaded migration of Ruby on Rails from 5.2 to 6.1 and Ruby from 2.5 to 3.0, refactoring the codebase to remove unsupported dependencies, ensuring long-term sustainability

CO-CURRICULAR EXPERIENCE

Source Academy | *Software Engineer, Singapore* Jan 2023 – Aug 2023

- Designed and developed a notification system while ensuring extendibility across various notification mediums, now utilised weekly by over 1,000 students every semester globally
- Revamped background job processing for fault-tolerant execution, job tracking, and monitoring

EDUCATION

National University of Singapore Aug 2021 – May 2025

Bachelor of Computing (Honours) in Computer Science, Cum. GPA: 4.91 / 5.0

- Teaching Assistant for CS1101S, CS2100, CS2040S over 3 semesters
- Relevant coursework: Data Structures and Algorithms, OO Principles, Databases Design and SQL, Software Engineering, Artificial Intelligence and Machine Learning

SKILLS

Languages

Java • Python • C++ • SQL • Ruby • Swift • Elixir • JavaScript • TypeScript • HTML • CSS/SCSS • Bash

Libraries, Frameworks, Tools

PostgreSQL • MongoDB • DB2 • React • Tailwind CSS • Express • Spring • SpringBoot • Rails • Phoenix • NestJS • Kafka • Node.js • Flask • PyTorch • TensorFlow • OpenCV • GIS • Docker • Nginx • Neo4J • Spark • Git • AWS

PROJECTS

StarDash | Exciting multiplayer iOS platformer

- [StarDash](#) is a racing platformer developed with Swift that supports both local and online multiplayer game modes.

Recyclops | Winner of NUS LifeHack '22 Hackathon, with about 413 participants

- [Recyclops](#) is a web application that uses machine learning to determine recyclability of items

AWARDS

NUS Dean's List | Top 5% of the cohort; Awarded in AY21/22 Sem 2, AY22/23 Sem 1, AY22/23 Sem 2

Best Freshman Hack | NUS Hack&Roll 2022