

# Liu Zhengyang

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## EDUCATION

### National University of Singapore

*Bachelor of Computing in Computer Science*

### NUS High School

*Major in Physics, Chemistry and Mathematics*

Aug. 2022 – July 2026

*Second Upper (Ongoing)*

Jan. 2014 – Dec. 2019

*Distinction*

## EXPERIENCE

### Machine Learning Analyst Trainee

*NUS Fintech Society, Machine Learning Department*

- Trainee AY 2024/2025 Semester 1

Aug 2024 – Present

### Software Engineer

*Raffles Hall Developers*

- Work on RH App (ongoing)

Aug 2024 – Present

### Systems Engineer Intern

*SCSK Asia Pacific*

- Dynamically updated PowerBI dashboard, supported by Power Automate, Excel VBA and Microsoft Forms
- Automated system that logs SQL queries with SQL Manager and sends emails based on results, supported by Power Automate
- Used Blue Prism to develop RPA

May 2023 – July 2023

### Operations Management Staff

*Singapore Police Force*

- Supported Singapore Police Force operations through regular computer maintenance. Cleaned data and created reports for the Operations Department for COVID deployments.

Aug. 2020 - April 2022

## PROJECTS

### FocusFlow | *React Native, Firebase*

- Developed a mobile application using React Native for the frontend and Firebase for the backend as part of CP2106 Independent Software Development Project.

May 2023 – July 2023

### EstateEase | *Java, Git, GitHub*

- As part of CS2103 Software Engineering, created a program that matched hypothetical buyers and sellers with groupmates. Eventual Grade: B+

Jan. 2024 – May 2024

## TECHNICAL SKILLS, ACTIVITIES AND INTERESTS

**Languages:** Java, Python, C, SQL (Postgres), JavaScript (Ongoing)

**Frameworks:** React, React Native

**Developer Tools:** Git, VS Code, IntelliJ

**Activities:** Raffles Hall Ultimate Frisbee, RC4 Ultimate Frisbee

**Interests:** Boulderling, Ultimate Frisbee, Mobile Legends, Baseball, Formula 1