

SAMUEL GOH JUN JE

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Education

University of Manchester

BSc in Computer Science and Mathematics | Second Upper Class Honours

Sept 2022 – June 2025

Manchester, UK

- Software Engineering
- Artificial Intelligence and Games
- Machine Learning
- User Experience (UX)

- Data Structures and Algorithms
- Linear Algebra
- Data Science
- Probability

Sunway College

A Levels | A* Mathematics (95), A* Chemistry (96), A* Physics (92)

Sept 2020 – June 2022

Selangor, Malaysia

Work Experience

Pomelo | Frontend Developer

Aug 2024 – Oct 2024

- Utilised the **React Native** framework to build a social media app designed to streamline the process of meal planning by organising ingredients and recipes based on user preferences
- Gained hands-on experience in collaborative software development, employing tools like **Trello** and **GitHub** for effective team coordination, code reviews, and managing pull requests

Projects

BlogNest | Full-Stack Web App

Flask | Bootstrap | SQLAlchemy

- Enabled users to securely perform full **CRUD** operations on blog posts through an authentication system and **RESTful routing**
- Deployed on **Render** cloud platform using **Git-based workflows**

Boston Housing Price Prediction | Data Science

scikit-learn | Pandas | Matplotlib

- Built and evaluated a **Python regression model** to predict Boston housing prices, leveraging socio-economic and geographic variables
- Applied data transformations and residual analysis to improve accuracy and validate model predictions

EventLite | Software Engineering Team Project

SpringBoot | REST API

- Developed a full-stack web application that allowed users to search and browse events with dynamic data handling and persistence
- Gained experience in writing comprehensive **unit and integration tests**

Certification

100 Days of Code: The Complete Python Pro Bootcamp | Udemy

June 2025 – Sept 2025

- Covered Python scripting, automation, web scraping (**BeautifulSoup**, **Selenium**), data analysis (**Pandas**, **NumPy**, **Matplotlib**), and web development (**Flask**, **Bootstrap**, **HTML5**, **CSS**, **SQL**)
- Built **100+ real-world projects** including games, APIs, automation tools, data visualisations, and web apps, demonstrating end-to-end Python proficiency

Skills

Programming Languages: Python, Java, TypeScript, SQL, HTML5, CSS

Developer Tools: AWS, Postman, Git, VS Code, Jupyter

Libraries/Frameworks: SpringBoot, ReactNative, PostgreSQL, Expo, Flask, Bootstrap 5, Jinja2

Languages: English(Fluent), Mandarin(Fluent), Malay(Basic)

Extra-Curricular

- Hackathons | *Hack-A-Bot (Robotic Society)*, *Student Hack (Computer Science Society)*
- Grade 8 in ABRSM Piano Practical and Theory
- Represented the University of Manchester Table Tennis Team