

Sam Tran

📍 Portsmouth ✉️ officialsamtran@hotmail.com ☎️ 07497182763 🌐 in/sam-tran-408110347 🌱 swe-sam.github.io/swe-samgithub.io/index.html

SUMMARY

Software Engineering student with 2 years of experience in front-end (HTML, CSS, ReactJS), back-end (PHP, Laravel, SQL), and desktop applications (C#). Proficient in Node.js, TypeScript, Python, and Selenium with skills in UI/UX design, debugging, and search system development. Strong leadership, teamwork, and customer service abilities gained through youth leadership and volunteering roles.

EXPERIENCE

Collaboration Project

Elanco

January 2025 - March 2025

- Assisted in developing a full-stack web application using Laravel for the backend and ReactJS for the frontend, ensuring seamless API integration and efficient data handling
- Contributed to AI script writing and automation using Python, integrating AI models to enhance system functionality and optimize processes
- Participated in agile development teams, contributing to sprint planning, daily stand-ups, and retrospectives to improve project outcomes
- Deployed applications to cloud platforms such as AWS and Azure, ensuring scalability and reliability
- Managed version control using Git, enabling efficient team collaboration and code management.

Software Intern

Pro Check-Up

March 2023 - August 2023, London

- **Designed and deployed** a custom search engine using Python, improving database query efficiency by **30%** through optimized indexing and search algorithms.
- **Enhanced system reliability** by debugging existing code, improving average response time from **800ms** to **500ms**.
- Provided technical support and troubleshooting assistance, resolving queries promptly to maintain high levels of customer service
- Implemented RESTful APIs to enable seamless interaction between different software systems, improving operational efficiency.

Media Server Developer

07/2024 - 01/2025

- Assisted in developing an AI-powered Discord bot using Python (discord.py) and OpenAI API, optimizing automated responses and enhancing user engagement for a 2,000-member server
- Led the integration of third-party APIs, expanding application functionality and interoperability
- Optimized existing codebase, resulting in a 20% increase in application performance and reliability.

EDUCATION

Bachelor of Science: Computer Science, Software Engineering

Sheffield University • Sheffield, SHF

SKILLS

Python

C#

JavaScript,

Node.js,

OpenAI API, Azure AI API, Azure Cloud Services

React

UI/UX Design (Figma, MockPlus)

Bootstrap

HTML & CSS

TypeScript

MongoDB, MySQL, SQL

PHP (Laravel)

