Sam Tran

A dedicated Software Engineering student with a strong foundation in front-end development (HTML, CSS, ReactJS), back-end development (PHP, Laravel, SQL), and desktop applications (C#). 2 years Experienced in UI/UX design, debugging, and building efficient search systems. My background as a youth leader has strengthened my leadership and teamwork skills, while my role as a receptionist enhanced my customer service and organization abilities. I am eager to apply my technical expertise and interpersonal skills in an engineering or technology-focused role.

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PORTFOLIO

https://swe-sam.github.io/swe-samgithub.io/

EXPERIENCE

Pro CheckUp , London— *Software Intern*

11/2022 - 4/2023

Developed and implemented a custom search engine to optimise database accessibility and efficiency whilst enhancing overall system performance. Effectively debugged existing code to increase the system reliability by utilising C# and PYthon with various libraries to streamline and solve complex problems

Salon Receptionist/Assistant– *Trendy Nails Portsmouth*

02/2021 – 7/2021

Provided exceptional customer service by handling inquiries through the business social media whilst managing bookings using Microsoft Excel and Spreadsheets. Handled cash transactions using POS systems and maintained the store standards to ensure smooth and professional operations

Volunteer Youth Leader – *City Life Church Portsmouth*

02/2021– 04/2022

Led group activities and events such as Community Outreach Events like planning donation drives and outdoor excursions whilst offering support and motivation to members across all age groups to foster teamwork. Demonstrated strong time management and organisational skills to ensure successful and engaging group experiences

Elanco – Collaboration Project

02/2025 –

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..

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**.

SKILLS

Programming Languages – Python, C#, Javascript, HTML, CSS, SQL,PHP

Built Desktop Computer Systems

Customer Service –Professional communication and customer support.

Scheduling & Time Management – Managed bookings and organised group activities with strict time adherence.

POS & Cash Handling– Experience with POS systems for stock management and financial transactions.

Team Leadership – Directed volunteer groups, fostering teamwork and support across various age groups.

Organisation & Problem Solving Maintained high store standards and optimised processes for efficiency.

LANGUAGES

English – Native
Vietnamese – Native

SKILLS

- **Front-End Development** – HTML, CSS, JavaScript (Animations), ReactJS. Experienced in building responsive, interactive web applications with modern UI/UX principles.
- **Python** – Automation & scripting with Selenium, machine learning with NumPy. Applied for web scraping, process automation, and data-driven solutions.
- **UI/UX Design** – Wireframing and prototyping using Figma and MockPlus for user-centered design.
- **API & AI Development** – Python (discord.py), OpenAI API, Azure AI API, Node.js. Experience in AI-powered applications and chatbot integrations.
- **Back-End Development** – PHP (Laravel), SQL. Skilled in developing secure, scalable web applications.
- **C#** – ASP.NET for web development, WinForms for desktop applications, focusing on efficiency and usability.
- **Database & Data Engineering** – SQL, MySQL, MongoDB. Proficient in data management and optimization.
- **Other** – Desktop systems development, team collaboration tools (Jira, GitHub), version control, and project management.

EDUCATION

Portsmouth Grammar School, Portsmouth— *GCSE*

9 GCSE (8's & 9s)

Portsmouth Grammar School, Portsmouth — *A-Level*

A Levels - Computer Science, Maths & Physics

Sheffield University

Computer Science, Software Engineering

REFERENCES

Thaiky - 12 High Street, Emsworth PO10 7AW. Director of a Nail Salon.

Tel: 07940729205

Nathan - nathanwilshire2000@gmail.com Social Media Director

Tel: 07917261744