Stephen Purdue

Aspiring Software Developer

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Education

University of Winchester   2023 - 2026
Bachelor of Science – Game Development

- Completed comprehensive coursework in game design principles, mechanics, coding concepts, and level development.
- Trained in rapid prototyping, iterative design, and development

Harvard University
CS50 - Intro to Computer Science

- Learned the fundamentals of Computer Science, including HTML, CSS and JavaScript.   2025

Professional Experience

Mustang Group   2021 - Present
Chef de Partie, Sous-Chef

- Supervised and trained kitchen staff, delegated tasks efficiently, and maintained smooth communication between teams.
- Maintained high standards of presentation, portion control, and consistency in every dish.
- Assisted in leading kitchen operations in a high-volume, fast-paced environment.

Projects

Stock Market Prediction
- **Developed** a **machine learning model** using **Python, Pandas, and NumPy** with **time-series analysis** to predict daily stock prices, achieving **87% prediction accuracy** and **enhancing forecasting reliability by 25%** for investment strategy simulations.

Expense Tracker
- **Created a Python expense tracking tool** leveraging **Pandas** for data analysis and **Matplotlib** for visualisation, **processing 1,000+ transactions** to identify spending trends and **increase budgeting accuracy by 30%.**

Website Portfolio
- **Built and containerised** a responsive portfolio website with **React, JavaScript, and SCSS**, using **Docker** for consistent environments and deploying via **Vercel**, achieving **99% uptime** and **40% faster load times** across devices.

Additional Skills & Interests

Languages: HTML, CSS, JavaScript, Python, Java
Frameworks: Flask, Django, ReactJS, SCSS, ExpressJS
Developer Tools: Git, AWS, Docker, Vercel