



David Valsan

Software Engineer

About me

A Computer Science undergraduate with a demonstrated interest in problem-solving and technology-driven innovation. I enjoy learning new tools and I thrive when tackling challenges that require analytical thinking. Alongside academic work, I dedicate time to building personal projects and refining my programming practices. My background supports a commitment to continuous learning with the goal of contributing to impactful projects and acquiring practical industry experience.

Education:

BSc Computer Science – Queen Mary University of London
2024 – Present

- First Year: First-Class
- Relevant Coursework: Software Engineering, Data Structures & Algorithms, Web Development

A-Levels – Heathcote School & Science College
2022–2024

- A* Computer Science, A Mathematics, B Physics

Contact Information:

Address: 43 Checquers Road, Loughton, IG10 3QE
Phone: 07535463782
Email: valsandavid2006@gmail.com
GitHub: <https://github.com/ManWhoOwns5Ovens>

Skills:

- HTML5, CSS3, JavaScript, PHP
- Python, Java, C#
- TensorFlow, Unity, Git/GitHub, WSL, MySQL
- Machine Learning (basic models & applications)
- Game Development
- Web Development

Projects:

Emotion Recognition (Python, TensorFlow)

- Built a machine learning model to classify emotions from images; achieved partial recognition accuracy.
- Gained experience with model training, data preprocessing, and evaluation.

Portfolio Website (HTML, CSS, JS, PHP)

- Built a personal portfolio showcasing academic and project work.
- Developed a responsive front-end design and integrated backend functionality with PHP.

Horse Racing Simulator (Java, GUI)

- Built a desktop Java application featuring a customisable racing simulation with graphical UI.
- Applied object-oriented design, event handling and state management.

