



MYLESVERDON

Software Engineer | Web Developer

Profile

A passionate software engineer with the ability to deeply and efficiently explore a project or topic whilst retaining perspective on the wider goals. Always striving to learn, adapt and perform at a high level.

Contact



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verdon.xyz | [LinkedIn](#)



Oxford, England

Skills

- Basic web technologies (HTML/CSS/Js)
- Advanced web technologies (e.g., React, Node.js)
- Other languages (C++, Python, Java)
- Functional Programming and Blockchain Technologies
- Version control, agile development, systems engineering.
- UI/UX Design, Adobe Suite

EXPERIENCE

My experience consists of a wide range of different technologies and contexts, providing me with a unique and effective approach to problem solving and software engineering. My major employments comprise of the following:

United Kingdom Atomic Energy Authority (1 year) Software Engineer

- Development of a 3D visualisation system for remote handling in nuclear environments, with specific focus on user experience.
- Design and documentation for future “digital mock-up” technologies for use across remote handling use cases.
- Research and analysis of bleeding-edge technologies in the area of haptics.

Skills used: C++, Qt, Unreal Engine, Agile, Git

New Street Records (3 years, part time during studies) Web Developer | Director

- Full process of implementation; Design, UX mock-ups, development and deployment.
- Use of modern web technologies / frameworks including React, Redux, Material-UI, Directus (CMS).
- Director of the record label for the latter half, managing a team of volunteers.

Skills used: Adobe Suite, Git, HTML/CSS/Js, React, CMS (+ Team management)

Jaguar Land Rover (1 years, 5 months) Software Engineer

- Implementing highly optimised machine learning algorithms for user behaviour prediction for use in automated, embedded systems.
- Technology selection, architecture design, and implementation of features for the next-generation of technology.
- Design and execution of testing platform for hardware-in-the-loop regression testing.

Skills used: Machine Learning, Python, Matlab/Simulink, HIL Testing

EDUCATION

Computer Systems Engineering MEng University of Birmingham

- A combination of skills from a number of disciplines, including computer science, electrical/electronic engineering, systems engineering
- Specialised in general software development, embedded software and data mining.