

Oliver Carney

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EDUCATION

University of Liverpool

Bachelor of Science (Hons): Computer Science

Liverpool, UK

2025 – 2028

Alleyne's Academy

Secondary Education

Stone, UK

2020 – 2025

- A-Levels: Mathematics (A), Computer Science (A), Physics (B), Business AS (A)
- Activities: UKMT Senior Maths Challenge Silver, British Physics Olympiad Bronze, STEM Tutor.
- GCSEs: 9,9-9,8,8,8,8,6,6,6,5 in Maths, Science, Computer Science, Business, English Literature, Geography, Further Maths, RE, French and English Language (Distinction) respectively.

WORK EXPERIENCE

Metrea Mission Data

Malvern, UK

Software Engineering Placement

Jun 2022

- Designed and implemented a 3D geospatial web viewer, using CesiumJS, as a proof-of-concept for migrating desktop tools to web applications.
- Integrated RESTful APIs and SQL databases to enable real-time data retrieval, storage, and visualization of operational assets.
- Reduced data streaming and rendering latency by ~25% over the course of the week and improving responsiveness during demonstrations.
- Enhanced system documentation and UI flow, presenting the final prototype to the team, which informed subsequent iterations of the company's tools.

Iizuka Software

Birmingham, UK

Software Engineering Placement

Jun 2024

- Developed a Java-based library management system using Spring Boot, featuring user authentication via cookies and an SQL backend.
- Integrated CRUD functionality for book records and implemented a responsive front-end using HTML/CSS.
- Conducted testing and debugging, ensuring reliability and maintainability of the system.

Fairway Service Station (Esso)

Stone, UK

Fuel Station Sales Assistant

Oct 2023 – Sep 2025

- Managed forecourt operations, stock, and daily cash handling in a fast-paced retail role, developing strong customer service and communication skills.

EXTRACURRICULAR ACTIVITIES

University of Liverpool Computer Science Society

Liverpool, UK

Member

Sep 2025 – Present

- Attend talks and workshops on software engineering, AI, and cybersecurity.
- Actively seeking UK hackathons and collaborating on projects to enhance teamwork and problem-solving skills.

University of Liverpool Investment Society

Liverpool, UK

Member

Sep 2025 – Present

- Attend sessions exploring the intersection between technology and finance, including algorithmic trading and fintech innovation.

SKILLS & INTERESTS

Languages: English (Native)

Technical Skills: Python, Haskell, SQL, HTML/CSS, Java

Certifications: Bloomberg Market Concepts, J.P. Morgan Virtual Experience

Interests: Technology, Finance, Brazilian JiuJitsu, Fintech Innovation