

Alfie Atkinson

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Lincoln, Lincolnshire, United Kingdom

PROFESSIONAL SUMMARY



Postgraduate Software Engineer with strong proficiency in **Python** and **C++**, alongside working knowledge of **JavaScript**, **C#**, and frameworks such as **React** and **Django**. Experienced in **Agile** development and **DevOps** practices, with proven expertise in **troubleshooting** and **problem-solving** within team environments. Proficient in version control tools like **Git** and experienced in planning, developing, maintaining, and optimising software solutions.

Additional Information: Willing to relocate, open to remote work, available to start in September 2025.

SKILLS

- **Languages & Frameworks:** Python, C++, SQL, JavaScript, C#, HTML/CSS, Django, React
- **DevOps & Version Control:** Agile development, Git, Scrum, SDLC, CI/CD, Docker, Kubernetes
- **Other Tools & Technologies:** Unix/Linux, LaTeX, VS Code, Catch2, Jira, Microsoft 365
- **Other Skills:** Algorithms, Object-Oriented Programming, Test-Driven Development, User-Experience Design



EXPERIENCE

- **B-Hive Innovations**  May 2024 – September 2024
Field Trials Technician (Temporary) Lincoln, UK
 - Developed and debugged Python software applications for the TuberScan Venture project, improving user-experience, system reliability, and data accuracy in field trials by troubleshooting issues as they arose.
 - Leveraged Agile development, Scrum, and Jira within a small team to collaborate and manage tasks effectively.
 - Implemented version control using BitBucket, facilitating smooth CI/CD of new features.
- **Dollar Jeans**  January 2023 – March 2024
E-Commerce Technician Lincoln, UK
 - Managed an SQL database of 15,000+ products and synced item information across platforms like eBay, Amazon, and Shopify using Veeqo.

EDUCATION

- **University of Lincoln** September 2024 – September 2025 (Grad. April 2026)
Master of Science in Computer Science Lincoln, UK
 - **Classification:** T.B.C (Current Average: 92%)
 - **Activities & Societies:** Computer Science Society
- **University of Lincoln** September 2021 – May 2024 (Grad. September 2024)
Bachelor of Science in Computer Science Lincoln, UK
 - **Classification:** First Class with Honours
 - **Activities & Societies:** Computer Science Society, UKIEPC Participant

PROJECTS

- **Library Management System (C++)** October 2024 – January 2025 
 - Developed a console-based library management system with CRUD operations and data persistence.
 - Implemented Test-Driven Development with robust unit tests using Catch2 to proactively prevent issues.
 - Incorporated multithreading and networking capabilities for concurrent user operations and remote interactions.
- **Sentiment Analysis Tool (Python)** September 2023 – May 2024 
 - Developed a user-friendly software solution to find the sentiment surrounding a query on social media.
 - Optimised data pipelines to handle large volumes of data efficiently.

CERTIFICATIONS

- **IBM: Full Stack Software Developer Professional Certificate** September 2024 – September 2025
- **IBM: DevOps and Software Engineering Professional Certificate** September 2024 – March 2025

AWARDS

- **University of Lincoln: The Lincoln Award** September 2024 – March 2025