Olivia Terris

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Summary

Detail-oriented Computer Science undergraduate specializing in Java backend development. Strong foundation in object-oriented programming, algorithms, and database management. Experienced in building RESTful APIs using Spring Boot, managing relational data with SQL, and writing clean, maintainable code. Open to internships, part-time roles, or remote work opportunities.

Technical Skills

Programming Languages: Java, SQL, C (familiar)
Framework & Libraries: Spring Boot, Spring Security, JPA/Hibernate, Maven
Tools: Git, GitHub, Docker (familiar), VS Code, Unix/Linux
Databases: PostgreSQL, MySQL
Testing: JUnit, Mockito
Backend Concepts: RESTful APIs, JWT Authentication, Exception Handling, MVC Architecture, CI/CD

Education

BSc (Hons) Computer Science with Industrial Placement — University of Dundee
2024 – present. Expected graduation date – June 2028
Focus on backend development, software engineering, and database systems.
Relevant Coursework: Software Engineering, Database Systems, Operating Systems, Artificial Intelligence, Modern Web Stack Development, Multi-Paradigm Programming.

Projects

Social media prototype on Java (University) - https://github.com/Dembem1/Java_SNA
Tools: Java, GUI
This is a simple social networking app that lets users create profiles, connect with friends, and view mutual connections. It supports reading and writing network data from files while focusing on efficient, scalable data structures to manage users and relationships.

Library Management System (Personal) - https://github.com/Dembem1/library-system
Tools: Java, Spring Boot, MySQL
Built a backend system to manage books, users, and loan records. Designed relational database schema, implemented role-based access control, and added validation and error handling layers.

Hackathon – Hackathon 2025 (University of Dundee)
Tools: HTML, CSS, JavaScript, Bootstrap
Collaborated with a team to design and develop a fully functioning website, working together through each stage of the development process. My contributions focused on building and refining the frontend using HTML, CSS, and JavaScript to ensure a clean and responsive user interface.

Work Experience

Freelance Web Developer
April 2025 – September 2025 | Aberdeen, UK
Tools: HTML, CSS, JavaScript, Bootstrap, Figma, GitHub.
Developed a complete business website from design to deployment. Created the UI/UX layout in Figma and built the responsive frontend using HTML, CSS, JavaScript, and Bootstrap. Collaborated with the client to deliver a modern, user-friendly site. Delivered project within 2 weeks under client deadline. Strengthened skills in frontend development, web design, client communication, and project ownership.

Additional Information & Languages

Languages: English (native), Russian (fluent), Spanish (Intermediate/B1)