Jaden Tellis

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Leeds

EDUCATION

University of Leeds — MEng/ BSc Computer Science — 3rd year
Sep 2022 – Present
Relevant Modules : Software Engineering, Machine Learning, Web Services, Data Science

PROFESSIONAL EXPERIENCE

Vodafone UK Intern   **Feb 2021- March 2021**

- Designed and prototyped an Internet of Things (IoT) device
- Gained hands-on insight into product development and user-centered design
- Collaborated in cross-functional team discussions to align user and technical needs

WebVM Hackathon II — Leaning Technologies   **Jan 2022 - Aug 2023**

- Built an interactive web-based Linux learning platform using CheerpX, xterm.js, Next.js, and Tailwind CSS
- Integrated Claude API for real-time command execution and guidance
- Designed a split interface with persistent filesystem, terminal emulator, and AI assistant
- Awarded 3rd place

PROJECTS

Forza Website

University of Leeds – Software Engineering

- Developed a full-stack web application to analyze and visualize GPS data, enhancing accessibility for users
- Designed and implemented the backend using Flask and SQLite for secure, scalable data handling
- Built the frontend in Next.js, delivering a responsive and interactive user interface
- Directed backend and API architecture with a focus on strategic planning and clear communication
- Led implementation of Docker for containerization, streamlining deployment and maintenance workflows
- Practiced Agile methodology with sprint planning and retrospectives to guide iterative development
- Maintained version control and transparency using GitHub, promoting collaboration and accountability

Innovative Business Proposal: Transforming Housing Data Services

University of Leeds – Business Innovation Module (2024)

- Designed a personalized dashboard solution for Perimeter Analytics for B2B clients to streamline data visualization, enhancing their workflow and providing valuable insights.
- Advocated for a subscription-based model to replace one-off sales, enhancing revenue consistency and client engagement.
- Proposed a strategic pivot for a housing data provider to expand to B2C, enabling real estate agents to access regional insights for smarter investments.

Technical Skills

Languages: Python, C++, JavaScript, TypeScript, Dart, Java, SQL, HTML/CSS
Frameworks/Libraries: Next.js, Flask, Django, Tailwind CSS, React, Flutter, SQLite
Tools: Docker, Git, Firebase, Linux CLI, CheerpX, Claude AI, Agile/Scrum