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CAMERON BLATT

LinkedIn
GitHub
Portfolio Website

EDUCATION

Western University   **London, ON**   **Graduating May 2024**
- Bachelor of Engineering: Software Engineering **(3.9 GPA)**
- Relevant Coursework: **Algorithms & Data Structures**, Machine Learning, Artificial Intelligence, Cloud Computing, Database Management Systems, Operating Systems, Software Design

EMPLOYMENT EXPERIENCE

Software Engineering Intern   **Tofu (startup)**   **Summer 2023**
- Spearheaded a complete UI redesign, utilizing Django's template engine and jQuery for dynamic, responsive web pages
- Achieved **~25% decrease in load times** through optimized backend rendering and Python-driven AJAX calls
- Successfully launched 15+ major features and ensured their reliability using Django's testing framework
- Established 20+ RESTful endpoints to facilitate seamless communication between the frontend and backend
- Designed efficient database models using Django ORM, leading to optimized query performance
- Collaborated with a team of 4, frequently leading agile stand-ups and planning sessions
- *Utilized: **Python, Django, JavaScript, jQuery, Bootstrap***

Founder, CEO   **Decks & Fences**   **Summer 2020, 2022**
- Owner and operator of outdoor pressure washing, sanding, and painting company
- Generated over $15,000 in revenue through effective business operations and client satisfaction
- Led a team of 4, ensuring optimal task delegation and workflow efficiency

PROJECTS

Bet3309 – *NFL Betting Aid*   **Fall 2022**
- Developed a full-stack web application to aid in NFL betting
- Developed a complex algorithm to predict the point differential in NFL games
- Implemented features such as game prediction, player contribution analysis, and player comparison
- *Utilized: **React.js, Node.js, REST API, MySQL, AWS***

CamBot – **Personal Portfolio Chat Bot**   **Summer 2023**
- Designed an AI-powered chat bot and integrated it into my personal portfolio website
- Utilized DialogFlow to train the bot with personalized data, enabling users to engage in conversations about my background and experiences
- Continuously analyzed user interactions and FAQs to further refine the bot's responses
- *Utilized: **Next.js, DialogFlow, GCP***

OutlineMaster – *Course Outline Manager*   **Spring 2023**
- Developed a full-stack web application enabling professors to create, edit, and forward course outlines to department chairs for review and feedback.
- Implemented a robust review system allowing department chairs to suggest modifications and return updated outlines to professors for further refinements.
- *Utilized: **React.js, Nest.js, PostgreSQL, Docker***

MusicTown – *Music Library*   **Fall 2022**
- Collaborated with a team to develop a full-stack music library web application
- Developed features such as track search, playlist creation, and music sharing
- Implemented playlist review system, allowing users to rate and comment on friends' playlists
- *Utilized: **React.js, Node.js, REST API, MySQL, AWS, Firebase***

LANGUAGES & TECHNOLOGIES

- Python, Java, JavaScript, Typescript, HTML, CSS, C#, Django, React.js, Next.js, jQuery, Node.js, Express.js, Nest.js, Bootstrap, Tailwind, MySQL, PostgreSQL, Firebase, AWS, GCP, EC2, DialogFlow, GitHub, Jira, Confluence