

CAMERON BLATT

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EDUCATION

Western University

London, ON

Graduating April 2024

- Bachelor of Engineering: **Software Engineering (3.9 GPA)**
- Relevant Coursework: **Algorithms & Data Structures**, Artificial Intelligence, Cloud Computing, Database Management Systems, Operating Systems, Software Design, Software Testing

EMPLOYMENT EXPERIENCE

Software Engineering Intern

Tofu (startup)

Summer 2023

- Spearheaded a complete UI redesign of 21 distinct web pages, utilizing **Django**'s template engine and **jQuery** to achieve an intuitive and engaging user experience
- Overhauled data table handling, utilizing **Python** and **Django ORM** for backend rendering and **AJAX** for frontend retrieval, reducing page load times by 25%
- Created a scoring algorithm to quantify candidate-job fit, providing recruiters with data-driven candidate evaluations
- Developed an SMTP email feature with editable templates, enabling recruiters to contact candidates directly from Tofu
- Launched approximately 10 additional features, integrating **RESTful** endpoints for efficient data exchange, and ensuring reliability using Django's testing framework
- Collaborated with a team of 4, frequently leading **Agile** stand-ups and planning sessions

Founder, CEO

Decks & Fences

Summer 2020, 2022

- Founded and operated a home exterior maintenance company, providing services to 60+ unique clients
- Demonstrated strong entrepreneurial and problem-solving skills
- Orchestrated project timelines and resource allocation, enhancing operational efficiency
- Led a team of 4, ensuring optimal task delegation and workflow efficiency

PROJECTS

Bet3309 – React.js, Node.js, MySQL

Fall 2022

- Created a full-stack web application to aid in NFL betting, utilizing **React.js** for frontend and **Node.js** for backend
- Developed a complex algorithm to predict the point differential in NFL games
- Implemented features such as game prediction and player comparison, using **MySQL** for data management

CamBot – Next.js, GCP, DialogFlow

Summer 2023

- Created an AI-powered chat bot, integrating it into a personal portfolio website using **Next.js**
- Utilized **DialogFlow** for bot training, enabling users to engage in conversations about my background
- Analyzed user interactions and FAQs to further refine the bot's responses

OutlineMaster – React.js, Nest.js, PostgreSQL

Spring 2023

- Created a full-stack web application for course outline management, using **React.js** and **Nest.js**
- Developed features such as course outline creation and modification, utilizing **PostgreSQL** for data management
- Implemented a review system allowing admins to suggest modifications and return updated outlines to professors

MusicTown – React.js, Node.js, MySQL, Firebase

Fall 2022

- Collaborated with a team to develop a **React.js** music library web application
- Developed features such as track search, playlist creation, and music sharing, utilizing **Node.js** for backend queries and **MySQL** for database management
- Implemented playlist review system, allowing users to rate and comment on friends' playlists

TECHNICAL SKILLS

- **Languages:** Java, Python, JavaScript, TypeScript, SQL, HTML, CSS
- **Frameworks/Libraries:** React.js, Next.js, Django, jQuery, Node.js, Express.js, Bootstrap, Tailwind
- **Developer Tools:** AWS, GCP, Firebase, Git, GitHub, Jira, Confluence