# CAMERON BLATT

📞 (514) 909-2420    ✉ camblatt@gmail.com    💼 cameronblatt.com    in linkedin.com/in/cameron-blatt/    ⌗ github.com/cblatt

## EDUCATION

**Western University**                         **London, ON**                         **Graduating May 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, utilizing **Django**'s template engine and **jQuery** for dynamic, responsive web pages
- Overhauled data table handling, utilizing **Python** and **Django ORM** for backend rendering and **AJAX** for frontend retrieval, achieving considerable improvements in page load times and overall user experience
- 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 **REST**ful 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 robust review system allowing department chairs to suggest modifications and return updated outlines to professors for further refinements

**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