JASON CAMERON
<div align="right">**Toronto, ON**</div>

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EXPERIENCE

Project Metropolis, Toronto, ON   *September 2022–Present*
Backend Lead ~ June 2023 – Present

- Maintained our backend and API to integrate with the React frontend.
- Implemented abstract likes, comments, saves & view count from scratch for announcements, blogposts & on other comments.
- Maintained seamless and efficient asynchronous communication with a team of 50 members.

EDUCATION

William Lyon Mackenzie Collegiate Institute, Toronto, ON   *September 2022-June 2026*
Ontario Secondary School Diploma

School Website Team (**Backend Lead** / **Vice-president**), Competitive/Computer Programming Club (**Executive**), Engineering Club (**Tech Lead**), School Newspaper (**Photographer / Quality Manager**), A/V Team (**Crew Member**), Robotics Club (General Member),

PROJECTS   *https://jasoncameron.dev/#/projects*

RedditVideoMakerBot | Python, Reddit, FFmpeg, Web scraping | 2022 | *elebumm/RedditVideoMakerBot*
● Improved simplicity for the beginner to run the bot with a GUI for the config which helped the bot grow to **5500+** stars on GitHub with over **60,000** clones of the GitHub repository.
● Reverse engineered the TikTok TTS API to provide advanced TTS functionality to the bot.
● Improved the TTS functionality by adding several other TTS engines including the AWS Polly API Which
● Continuously improved and maintained the bot overcoming many challenges including but not limited to API rate limiting, background video copywriting, Reddit & TikTok API changes & challenges with the bot running on 10,000+ of different machines.

Foodle | TypeScript, Svelte, CSS, Python, Flask & Google Analytics | 2022 | *JasonLovesDoggo/foodle*
● Listened to what the community wanted and grew the game to over **600,000** unique visitors with approximately **2,950,000** total page views within just a short couple of months.
● Individually created, maintained, documented, tested, deployed, and hosted my own twist of the popular game Wordle.

ScreentimeShowdown - Winner at HTV 8 | Express.js, Oauth2.0, Meta. PayBilt | 2023 | *JasonLovesDoggo/screentimeshowdown*
Helping people quit social media with the help of a friendly competition and some monetary gain.
● Implemented Meta's Oauth 2.0 & Webhook API from scratch allowing us to monitor and react whenever somebody opened Facebook or Instagram on any of their devices.
● Performed end-to-end testing, leading to a flawless demo for a competitive edge.

PhysioQuest - Winner at JamHacks 7 | Python, Django, HTML, CSS & OpenCV | 2023 | *JasonLovesDoggo/jamhacks*
Gamifying **p**hysiotherapy with AI to encourage consistency and accuracy when completing exercises.
● Integrated the CV model to the end user's webcam via the backend API.
● Designed and implemented the codebase, along with creating the corresponding database models.

Scavenger Hunt - @ Project Metropolis | Python, Django, HTML & Oauth2.0 | 2022 | *wlmac/scavenger*
● Conceptualized and implemented the path-based system to ensure participants follow a predetermined route, preventing luck-based fast-tracking and cheating.
● Conducted thorough testing and debugging to guarantee app functionality and performance.

ADDITIONAL INFO

Languages: Python, JavaScript/TypeScript, Golang, HTML & CSS/SCSS
Frameworks: Django, Flask, FastAPI, React & Svelte
Databases: MongoDB, PostgreSQL, SQLite & Redis
Developer Tools: Git, GitHub Actions, GitHub Pages, Cloudflare, Postman, & the JetBrains suite of IDEs
Productivity and Design Tools: Notion, Canva, Figma & Photoshop