JASON CAMERON
<div align="right">

Toronto, ON
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EXPERIENCE

Project Metropolis, Toronto, ON *July 2022–August 2022*
Backend Developer ~ September 2022 - June 2023
Backend Lead ~ June 2023 – Present
- Maintained, Updated & Documented our API to integrate with our new React frontend.
- Implemented View count as well as abstract likes, comments & saves from scratch for Announcements, Blogposts & other comments.
- Maintained seamless and efficient asynchronous communication with a team of 50 members.
- Successfully delegated tasks based on team members' strengths and deadlines.

EDUCATION

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

School Website Team (Vice-president), Competitive Programming Club (Executive), Engineering Club, Science Club, Cybersecurity Club

ADDITIONAL INFO

Languages: Python, JavaScript/TypeScript, Golang, HTML, CSS/SCSS & SQL
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, Microsoft Suite, Canva, & paint.net
Total Volunteer hours as of July 2023: 92

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

PhysioQuest - Winner at JamHacks 7 | Python, Django, HTML, CSS & OpenCV | 2023 | *JasonLovesDoggo/jamhacks*
Gamifying physiotherapy 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 and associated database models.
Scavenger Hunt - @ Project Metropolis | Python, Django, HTML & Oauth 2.0 | 2022 | *wlmac/scavenger*
● Conceptualized and implemented the path-based system to ensure participants follow a predetermined route, preventing fast-tracking and cheating.
● Conducted thorough testing and debugging to guarantee app functionality and performance.
● Actively contributed to brainstorming sessions and provided creative input for future enhancements.

Foodle | TypeScript, Svelte, CSS, Python, Flask & Google Analytics | 2022 | *JasonLovesDoggo/foodle*
● Singlehandedly created, maintained, documented, tested, deployed, and hosted my own twist of the popular game Wordle.
● Listened to what the community wanted and grew the game to over **600,000** unique visitors with approximately **2,900,000** total page views within just a short couple of months (data from google analytics).
RedditVideoMakerBot | Python, Reddit, FFmpeg, Web scraping | 2022 | *elebumm/RedditVideoMakerBot*
● Reverse engineered the TikTok TTS API to provide TTS functionality to the bot.
● Improved the TTS functionality by adding several other TTS engines including the AWS Polly API.
● 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 1000s of different machines.
● Improved simplicity for the beginner to run the bot with a GUI for the config which helped the bot grow to **5000+** stars on GitHub with over **50,000** clones of the GitHub repository.