

Joshua Wuebbolt

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EDUCATION

University of Toronto

Bachelor of Science in Computer Science and Mathematics

Toronto, Ontario Canada

Sep. 2022 – Current

EXPERIENCE

AI Engineer

Global Heath Core inc. (ghc inc)

Jan. 2025 – April 2025

Toronto, Ontario

- Crafted an **API** that compared Canadian health clinics and returned a list of 3 clinics based off distance, ability to treat patient and wait time.
- Performed **end to end tests** and **unit tests** to assure the fronted and backend worked correctly
- Trained an AI to write in a concise manor reducing average words spoken by approximately **300%**.

Service Technician

First Security Protection Services

Jun. 2023 – Sep. 2023 & May 2024 – Sep. 2024

Toronto, Ontario

- Set up and maintained **security servers**.
- Monitored security servers to assure the system was secure and behaving reliably.
- Responded to emergency calls where security vulnerabilities needed to be fixed ASAP.

MCSS (Math & Computational Sciences Society)

Administrative Exec. & Events Director

May 2022 – Present

University of Toronto

- Organize workshops, events, and Deerhacks (A **UofT** hackathon with **300+** students attending.)
- Worked as a member of the executive council which is the head decision making board of MCSS.
- Managed a team of 5 holding **weekly meetings** and one-on-ones as needed.

UTM Urbanism

Vice President & Events Director!

Aug. 2023 – Present

University of Toronto

- Organized **two mayoral debates** for Mississauga's 2024 mayoral election as well as events with **2 members of parliament**.
- Advocate **Municipal, Provincial and Federal Governments** for improved public transportation and housing.
- Won the **Sustainability Award** from the UTMSU.

PROJECTS

Stock Charity | *React, Jest, TypeScript, SQL, Node.js, Express.js, TailWind, Stripe*

- Created an **interactive front-end GUI** using **TypeScript** and **TailWind** that called custom APIs to display user information.
- Created **unit tests** using **Jest** and conducted **end-to-end testing** to assure all code worked as intended.
- Created a **dynamic data base** using **SQL** to hold **user data**.

The Great Adventure | *Java, GitLab, GUI, CSS*

- Used **Agile** software development as the **scrum master** and held **weekly meetings**.
- Made use of **JavaFX** to create a vibrant and fully interactive user experience.
- Used Java to create responsive backend and **controller logic**.

Streamer | *C, Streaming, Makefiles*

- Created two **music streaming programs** in C, both Server and Client.
- A **circular buffer** was used to ensure fast and memory efficient streaming and downloading of music files over an internet connection for a maximum download and streaming speed of **20MB/s**.
- Created a fronted for the user that displayed all actions (download, stream and stream+) and all songs available.

TECHNICAL SKILLS

Languages: Java, Python, Django, C/C++, TypeScript, JavaScript, HTML/CSS, SQL, Command Language, Kotlin

Libraries: PyTest, NumPy, Matplotlib, Jest, TailWind

Developer Tools: GitHub Actions, Rest API, React, OpenAI, Ollama, LaTeX, Figma, Linux, Unix, Git