
EDUCATION

University of Guelph **Guelph, Ontario**
Bachelor of Computing (B.Comp.), Computer Science; Minor in Mathematics Expected Apr 2027

- Dean's Honour List.
- Entrance scholarship recipient.

WORK EXPERIENCE

Black Market / Public Butter **Toronto, Ontario**
Sales Associate 2025

- Processed and priced vintage clothing, handled cash/POS operations, and supported daily stock flow in a high-volume retail environment.
- Worked closely with teammates to keep displays organized and customer-ready during peak hours.

Bulk Barn **Toronto, Ontario**
Sales Associate 2022 – 2023

- Supported store operations as part of a seven-person team (receiving inventory, stocking, cleaning, cash handling, and store close).
- Provided friendly customer service and maintained a clean, safe sales floor.

PROJECTS

Decryption Using MPI: Dec 2025

- Built an MPI-parallel C program that encrypts plaintext and brute-forces candidate decryptions via permutations and dictionary cross-referencing.
- Implemented serial and MPI decryptors; logged runtimes to CSV and included Python tooling for performance testing.

Image Sharpening and De-Noising (Warp): Dec 2025

- Developed a Python CLI pipeline using Warp compute kernels and Pillow for I/O (unsharp-mask sharpening, median-filter denoising).
- Added configurable kernel size/strength and folder-based input/output for batch processing.

Personal Website: Dec 2025 – Jan 2026

- Designed and built a responsive portfolio site with HTML/CSS/JavaScript and deployed with a custom domain.
- Integrated project showcases and contact links for quick recruiter access.

GoStudy (GDSC Hacks 2024): May 2024

- Built a tool that scanned course outlines and generated a Google Calendar with key dates using AI.

TECHNICAL SKILLS

- Languages: C, Python, Java, TypeScript/JavaScript, SQL, HTML/CSS, JFlex
- Frameworks/Libraries: Spring Boot, React, FastAPI, Warp
- Tools: Git, Linux/WSL, MPI, uv, MariaDB, Flyway, Docker, PIL

LEADERSHIP & ACTIVITIES

Adopt-A-Dog / Save-A-Life **Toronto, Ontario**
Administrative Volunteer 2018 - Present

- Provide approximately five hours of administrative assistance each week for a busy dog rescue.

Hart House Festival of Music (University of Toronto) **Toronto, Ontario**
Guitarist (Live Performance) 2024 - 2025

- Performed live twice as part of a group at the Annual Hart House Festival of Music.