

TECHNICAL

LANGUAGES

Python · TypeScript · SQL · Bash · Swift

ML & AI

PyTorch · CUDA · Pydantic · LLM agents · MCP · model evaluation

DATA & INFRA

Postgres · Redis · Docker · Kubernetes · AWS · GCP

WEB

TypeScript · Tailwind · CI/CD

TOOLS

Linear · Slack · Notion · Claude Code

EDUCATION

University of Toronto

Engineering Science · 2020

Schulich Leader Scholarship —

Canada's top undergraduate STEM award (~100 / yr). Full-ride offers from UofT EngSci & Waterloo Mechatronics.

EARLIER

Zero Gravity Labs · 2018

Built an AR retail prototype with face recognition and an ML recommender for in-store sales.

E-Bots Robotics · 2013–17

Competed in VEX and FLL (two dozen+ awards, consistently among the top teams in the world). Taught programming to kids aged 8–14.

Machine learning engineer. I spent two years owning much of the ML stack at WOMBO, then ran my own health coaching practice where I built LLM agents to handle the admin and automate many routine business operations.

Experience

Founder & Health Coach

Nov 2025 – Present

Self-Employed — Burlington, ON

- › Coached clients 1:1 using wearable data, bloodwork and DEXA / VO2 testing, and ran the business side myself.
- › Automated much of the practice with **LLM agents**. They ingested client wearable data, messages, call transcripts and notes into a **self-managed memory system**, then autonomously handled personalized check-ins, reports and invoices, client communication, and pre-session briefings.
- › Built heavily with OpenClaw, Claude Code and custom **MCP servers**, including the one behind that memory system.

Independent Study

Jul 2024 – Nov 2025

- › Self-directed study of quantum computing, protein folding, nanotech, exercise science and nutrition.

Machine Learning Engineer

Aug 2022 – Jul 2024

WOMBO — Toronto, ON

- › One of three ML engineers at a generative AI company with 100M+ downloads and 1M DAU, owning much of the ML lifecycle from model research to production.
- › **Evaluated and benchmarked** candidate models against our use cases, then integrated them into our codebase and deployed them on AWS and GCP clusters of up to **hundreds of nodes**. Provisioned compute for the team.
- › Worked on **job orchestration** for high-volume, around-the-clock inference, with **Redis** task queues and fast stores and **Postgres** for archival data.
- › Optimized model speed and serving performance, and set up semi-automated **monitoring and pipelines** for models in production.

Co-Founding Engineer

Apr 2021 – Mar 2022

Mynd Community — Toronto, ON

- › Built much of the backend, frontend, CI/CD and infra for a personal-development platform.

Full Stack Engineer

May 2020 – Dec 2021

The Knowledge Society (TKS) — Toronto · Remote

- › Built a full-stack learning app from scratch with a very small team.

Quantum Software Engineer

Oct 2019 – May 2020

Rigetti Computing — Berkeley, CA

- › Worked on full-stack quantum software, from pulse-level hardware control up to quantum algorithms. Built internal tools for working with the company's systems and contributed to its internal APIs.