

Fayzan Malik

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Education

Western University

Bachelor of Science, Honours Specialization in Computer Science

- GPA: **3.8**; Coursework: Data Structures and Algorithms, Machine Learning, Databases, Operating Systems, Software Engineering.

Expected May 2027

London, ON

Technical Skills

Languages: Python, Java, C, Go, TypeScript, JavaScript, SQL, HTML/CSS, R, Bash

AI & ML: Codex, Claude Code, Gemini, OpenClaw, Nano Banana, LangGraph, CrewAI, AutoGen, MCP, prompt engineering, AI agent governance, model evaluation, multi-agent systems

Infrastructure: Docker, Linux, PostgreSQL, MySQL, Redis, Neo4j, Firebase, Supabase, AWS, Postman, Git, WebSockets

Frameworks: React, Flask, Next.js, Tailwind CSS, FastAPI, Node.js, Vite

Libraries: NumPy, Pandas, Matplotlib, TensorFlow, Scikit-learn, PyTorch, Seaborn

Experience

Co-Founder & CTO

Chox AI – Runtime Governance Layer for Autonomous AI Agents

- Built a **Go HTTP proxy** between **AI agents** and **external APIs** that classifies actions, extracts signals, and enforces **governance policies** before requests are forwarded.
- Implemented argument-aware **risk scoring** and a **shadow-verdict pipeline** for **agent tool calls** across read, write, delete, and financial actions.
- Developed the core **Go backend** and **React dashboard** for **high-risk API monitoring**, **audit logs**, and **rule-based governance**.

January 2026 – Present

Go, TypeScript, React, PostgreSQL

President & Founder

Western Agentic Development Club, Western University

- Founded a student-run **agentic AI community** for computer science students at **Western University**.
- Lead **workshops**, **hackathons**, and **networking events** focused on agentic AI.
- Oversee **club-led projects** that build and ship practical **AI agent solutions**.

March 2026 – Present

Claude, MCPs, n8n, RAG, LangGraph

Software Engineer Intern

ICARO Media Group

- Refactored and upgraded **LAMP-based web applications**, reducing production friction across internal workflows.
- Built **Flask REST APIs** and resolved latency bottlenecks via profiling, improving median API response time by **15%** under peak load.

July 2025 – Sept 2025

Thornhill, ON

Data Analyst Intern

Elite Life Financial

- Analyzed **500+ client records** with **SQL/Python**, improving recommendation logic and advisor-client personalization.
- Automated repetitive workflows with optimized **SQL queries** and scripts, reducing manual processing time by **30%**.

June 2024 – Sept 2024

Toronto, ON

Projects

Open Source Contribution (agency-agents PR #129) | Bash, Claude, GitHub

- Built a LinkedIn Content Creator agent merged into the **#1 trending GitHub repository**, which had **65,000+ stars** at the time.

March 2026

Claude Check | Node.js, npm, Anthropic API, CLI Tooling

- Built and published an **npm CLI** with **650+ downloads** that scores prompt complexity, estimates message count, and returns safe/caution/do-not-start verdicts using real-time **Claude** usage data.

February 2026

Ghostline | Python, LangGraph, Google Sheets API, GitHub API, SMTP

- Built an automated **lead generation and outreach pipeline** for Chox that finds GitHub developers building AI agents with real-world APIs, scores leads, writes qualified contacts to **Google Sheets**, and drafts personalized cold emails for human review.
- Implemented **GitHub API** query workflows, **lead scoring**, **Claude-powered email generation**, and **LangGraph** checkpointing for resumable, human-in-the-loop outbound workflows.

March 2026

ClearCare | React, TypeScript, FastAPI, PostgreSQL, Vapi, Twilio

- Built a closed-loop rural referral platform with AI voice follow-ups, SMS alerts, and escalation workflows to reduce emergency transfers and avoid up to **\$15,000** per airlift case.

WDS SPARK Hackathon, February 2026

Lazarus | FastAPI, PostgreSQL, Neo4j, Redis, React, WebSockets

- Built an **autonomous multi-agent AI system** that mines failed clinical trials, evaluates drug-repurposing opportunities, and generates executive-ready rescue plans with supporting rationale.
- Placed **Top 10** under the **Regeneron AI & Tech for Clinical Trials track** at Hack Princeton Spring 2026, competing against **400+ hackers** and **100+ teams**.

Hack Princeton, April 2026

Honors and Awards

Hackathon: Hack Princeton Spring 2026 – Top 10, Regeneron AI & Tech for Clinical Trials Track

Academic: Western Admission Scholarship; Dean's Honor List 2023–2024 and 2024–2025

Certification: Machine Learning Specialization by Andrew Ng – Coursera, DeepLearning.AI (December 2025)