

Ayaan Azfar

ayaanazfar2000@gmail.com - (647) 764-8181 - [LinkedIn](#) - [GitHub](#) - [Portfolio](#)

Education

University of Guelph

Guelph, ON

Bachelor of Computing, Computer Science (Co-op) (3.7 GPA)

September 2024 – May 2029

- Minor in **Project Management**, Area of Emphasis in **Cybersecurity**

Professional Experience

Scotiabank

May 2026 – August 2026

Cybersecurity Intern

Toronto, ON

- Investigate cyber-enabled fraud cases (phishing, malware, social engineering, account takeover, and targeted cyber-attacks) against Scotiabank and its affiliates, gathering and preserving **digital evidence** to identify perpetrators, document **tactics, techniques, and procedures (TTPs)**, and support criminal and civil remedies.
- Apply **data analytics** across electronic media using **Python, Excel, and Splunk** to detect fraud patterns, anomalies, and digital artifacts, contributing to **fraud risk mitigation** for stakeholders and management.
- Prepare digital fraud **investigative reports**, metrics, and trend analyses in **Power BI, Excel, and PowerPoint**, communicating findings and recommendations to senior management while ensuring compliance with policies.

Town of Oakville

April 2025 – August 2025

Parks & Roads Student Worker

Oakville, ON

- Led Parks & Roads assignments independently, mentoring new hires on safe use of tools, equipment, and vehicles.
- Took on Sanitation duties including waste collection and park washroom servicing during peak summer demand.

Parks & Roads Student Worker

April 2024 – August 2024

- Performed daily maintenance including waste collection, turf care, and trail and playground inspections.
- Operated equipment and Town vehicles safely while assisting crews with inspections, repairs, and event setup.

OurWaveHub (Apple partnered Summer Co-op)

May 2022 – August 2022

iOS App Developer Co-op Student

Toronto, ON

- Built and refactored **Swift/SwiftUI** components in **Xcode** following Apple's design system and accessibility guidelines, leveraging **UIKit** interoperability for an iOS app shipped to **TestFlight**.
- Implemented data persistence and multi-device sync using **Core Data** and **CloudKit** for stable real-time updates.
- Architected and shipped an end-to-end iOS app in Swift, owning the full development lifecycle through TestFlight.

Technical Skills

Certifications: Microsoft Azure Fundamentals (**AZ-900**), Microsoft AI Fundamentals (**AI-900**), AWS Certified Cloud Practitioner (**CLF-C02**), Microsoft Security Fundamentals (**SC-900**), CompTIA Security+ (**SY0-701**)

Languages: Python, Bash, SQL, JavaScript, TypeScript, C, C++, C#, Java, Swift, PowerShell, R, HTML

Frameworks & Developer Tools: Next.js, React, Node.js, .NET, REST APIs, AWS, Azure, GCP, Docker, Kubernetes, Microservices, Serverless, CI/CD, Azure DevOps, JIRA, Git, Linux, PostgreSQL, Splunk, Power BI

Projects

AI Profile Scoring Platform – *Next.js, TypeScript, Python, C, Supabase, Stripe*

[HowCrackedRU](#)

- Built full-stack AI scoring platform evaluating university developer profiles, with a multi-source pipeline ingesting **resume, LinkedIn, and GitHub** data into an **Anthropic Claude** inference layer for weighted scoring.
- Architected a serverless backend on **Supabase** and Vercel with **Google OAuth, Row-Level Security, and Stripe** one-time payments, optimizing per-score cost to \$0.01 through model selection and **prompt engineering**.

AI/ML Tumor Detection Bot – *Python, PyTorch, ResNet-18, CUDA, Gradio/REST*

[AI-Tumor-Detection](#)

- Built end-to-end MRI tumor classification system with multi-class **ResNet-18** in **PyTorch**, applying transfer learning, data augmentation, and **CUDA**-accelerated GPU training to achieve reliable multi-class predictions.
- Deployed model via **REST API** with **TensorBoard** logging and checkpointing for real-time inference.

GryphChat - *Next.js, TypeScript, Prisma, Postgres, React*

[GryphChat.com](#)

- Engineered a campus-wide real-time messaging platform for University of Guelph students, used by **100+** users.
- Built full-stack architecture on **Next.js, TypeScript, Prisma, Postgres**, with **Google OAuth** and Supabase Realtime.