

SKILLS

Languages: Python, C#, Java, C, SQL, JavaScript

Frameworks: Spring Boot, .NET (Core), Angular

Tools: AWS, Git, Docker, Kubernetes, PostgreSQL, REST API, Selenium

Machine Learning: PyTorch, Scikit-learn, NumPy, OpenCV, RAG

WORK EXPERIENCE

Machine Learning Intern <i>Autodesk</i>	05/2025 – 08/2025 Toronto, Canada
<ul style="list-style-type: none">Built an agentic chatbot for software-package management that plans multi-step workflows (create, edit, find, & delete) & orchestrates cross-service tool calls, delivering 90% action accuracy & \$6.7M/year projected customer savings at rollout.Implemented RAG-powered semantic search for find feature across 1000+ package configs with 10x faster lookupsAdded JWT feature flag to switch between hard-coded roles & 3-legged token, enabling safe staged migration	
LLM Robotics Researcher <i>MEDCVR at UofT</i>	09/2024 – 04/2025 Toronto, Canada
<ul style="list-style-type: none">Designed a multi-agent robotics application with VLMs & LLMs for autonomous surgical tasksDeveloped high-level motion planning, low-level action functions & deployed code on Franka Emika robot	
Software Engineering Intern <i>Thomson Reuters</i>	09/2024 – 04/2025 Toronto, Canada
<ul style="list-style-type: none">Resolved 20 production issues & migrated C# backend services, improving platform stability by 15%Managed monthly releases, cherry-picking cross-functional changes, ensuring 98% on-time deliveryDeveloped 25 SQL scripts to fix bugs & deliver features for 20,000 customers across seven environments	
Software Engineering Intern <i>TD Bank</i>	05/2024 – 08/2024 Toronto, Canada
<ul style="list-style-type: none">Built “Maintain Holiday” webpage for Registered Products Database using Spring Boot & AngularAuthored Selenium-based regression scripts, cutting test time by 500% & providing \$25,000/year savings	
Software Engineering Intern <i>Nokia</i>	05/2023 – 08/2023 Toronto, Canada
<ul style="list-style-type: none">Implemented & tested iSIM features in Java, enabling Airtel to monitor 100 million usersResolved 100 code issues & 7 critical security flaws, boosting performance & stability by 5%	
Teaching Assistant <i>University of Toronto</i>	01/2023 – 04/2025 Toronto, Canada
<ul style="list-style-type: none">TAed CSC207 (Software Design) & CSC209 (Systems Programming); supported 500+ students through labs, grading, & office hoursCreated Java & JavaFX assignments & test suites, reducing grading time by 50%	

EDUCATION

HBSc: University of Toronto - Computer Science (AI) <i>4× Hackathon Winner · 2× Dean's List · CGPA 3.85/4.00</i>	09/2021 – 05/2026
<i>Awards: International Scholar (\$180K), Principal's Entry (\$12K), UofT Scholar (\$7.5K)</i>	Toronto, Canada
National University of Singapore <i>Semester Exchange Program</i>	01/2024 – 04/2024 Singapore
Coursework: Data Structures, Systems Programming, Artificial Intelligence, Machine Learning, Computer Vision	

PROJECTS

Watchful.AI – PennApps XXV Hackathon Winner	09/2024
<ul style="list-style-type: none">Built an AI-security system using fastAPI & vector DB to monitor campus video feeds for threat detection. Won Best Privacy/Security Hack & Most Technically Complex Hack among 104 teams	