

Jeremy Friesen

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BASIC PROFILE

Security Clearances: Secret (Level II), Enhanced Reliability Status (Level I)

Language Proficiency: English (native), French (native)

Certifications: [Azure Fundamentals \(Microsoft\)](#), [GitHub Foundations \(GitHub\)](#), [Intro to Machine Learning \(Kaggle\)](#)

EDUCATION

Carleton University

Ottawa, ON

Bachelor of Computer Science, Honours - Co-op option

Sept. 2022 – May 2027

- Artificial Intelligence and Machine Learning Stream
- CGPA 10.11/12 (letter grade of A-)
- Available for 4 months beginning May 2026

TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript, SQL (PostgreSQL), Java, HTML/CSS

Frameworks: Next.js, TailwindCSS, Node.js, Express.js, Flask

Libraries: React, Pandas/GeoPandas, Matplotlib, Seaborn, Folium, Playwright, Scikit-learn

Cloud & DevOps: Azure, Netlify, Docker, GitHub Actions, Terraform

Developer Tools: Git, Jupyter Notebooks, VS Code, PyCharm, IntelliJ, Eclipse, Figma

EXPERIENCE

Service Desk Technician

May 2025 – Aug. 2025

Finance Canada

Ottawa, ON

- Starting new position for Summer 2025 Co-op

Analyst

Jan. 2025 – Apr. 2025

Public Safety Canada

Ottawa, ON

- Designed and created scalable **cloud architecture** and **IT infrastructure** within **Azure** to support secure internal remote network access, showing advanced knowledge of **networking** and **cloud computing** concepts
- Automated tasks as an Azure administrator using **PowerShell** scripting, **DevOps** and **Agile** techniques, boosting team productivity and standardizing **CI/CD** workflows

Level 1 Analyst

Sept. 2024 – Dec. 2024

Royal Canadian Mounted Police

Ottawa, ON

- Worked as an IT-01 **Technical Analyst** for the RCMP's **Central Help Desk** as a first point of contact for technical problems and requests through the call center phone system as well as the self-service ticketing system
- Provided first level support for **200+ applications** by using **troubleshooting** methodology in order to better understand the issues at hand for clients

Data Scientist for Complex Systems

May 2024 – Aug. 2024

National Research Council of Canada

Ottawa, ON

- Advanced the **AI for Logistics Program** and **Digital Technologies Research Centre**, with emphasis on transportation, warehousing, infrastructure, and AI-driven modeling
- Utilized **Python** libraries such as **Matplotlib**, **GeoPandas** and **Folium** to analyze over **200+ sensor and historical datasets** and enhancing data clarity and structure across **300+ pages** of documentation

VOLUNTEERING

cuHacking | Coordinator

Aug. 2024 – Dec. 2024

- Worked as a Coordinator on the Development Team and created comprehensive documentation and end-to-end tests using **Playwright** and **Markdown**, enhancing project organization and setting knowledge base standards
- Integrated CodeRabbit (an **AI pull request reviewer**) to help enhance code reviews and **CI/CD** workflows, showing strong **DevOps** techniques and initiatives