

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 \(Kaggle\)](#)

Hackathons: 3× Hackathon Winner @ [Build to Convert](#), [cuHacking](#), and [InnovateNow!](#)

EDUCATION

Carleton University

Ottawa, ON

Bachelor of Computer Science, Honours - Co-op option - AI/ML Stream

Sept. 2022 – May 2027

- GPA 3.37/4 (letter grade of A-)
- Available for 4 months beginning May 2026

TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript, Java, HTML/CSS

Frameworks: Next.js, TailwindCSS, Node.js

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

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

Developer Tools: Debian Linux, Git, Jupyter Notebooks, VS Code, Figma

EXPERIENCE

Client Management Analyst

May 2025 – Aug. 2025

Finance Canada

Ottawa, ON

- Assisted in daily technical support to clients, leveraging structured troubleshooting methodologies to efficiently resolve **15+** service requests per day, showcasing customer service and client interaction skills
- Streamlined imaging, deployment and first-level support of **Windows 11 OS** devices for the entire organization, demonstrating enterprise-scale IT knowledge and operational capabilities

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

Blackbird UAV | Software Lead

July 2025 – Present

- Managed the software sub-team, developing autonomous flight control and payload systems using **Python** and **C++** on embedded platforms (**Arduino's** and **Raspberry Pi's**), ensuring seamless UAV operations
- Organized **GitHub** for the entire club, as well as maintained the club website (in **React** and **Next.js**) and documentation for the sub-team, showcasing leadership skills and initiative