Jeremy Friesen

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TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript, Java, HTML/CSS
Frameworks: Next.js, TailwindCSS, Node.js
Libraries: React, Playwright, Pandas/GeoPandas, Matplotlib, Folium, NumPy, Scikit-learn, DroneKit
Cloud & DevOps: Azure, Netlify, Docker, GitHub Actions
Developer Tools: Unix/Linux, Git, Jupyter, VS Code, Figma

EXPERIENCE

IT Analyst Intern — 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 devices and key LAN infrastructure for the entire organization, demonstrating enterprise-scale IT knowledge and operational capabilities

Cloud Analyst Intern — 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

IT Analyst Intern — Sept. 2024 – Dec. 2024
Royal Canadian Mounted Police — *Ottawa, ON*

- Delivered mission-critical first-level support for **200+** enterprise/law enforcement applications by utilizing troubleshooting methodologies to quickly diagnose and resolve incidents/outages, ensuring minimal disruption to critical operations
- Assisted in developing technical documentation and procedures to help streamline internal workflows and task triage, demonstrating proactive problem-solving and enhancing team efficiency

Data Science Intern — May 2024 – Aug. 2024
National Research Council of Canada — *Ottawa, ON*

- Advanced the **AI for Logistics** program by optimizing and automating data analysis workflows (such as bivariate and multivariate analysis) to enhance insights and efficiency for the AI for Road Freight project
- Utilized **Python** libraries such as **Matplotlib**, **GeoPandas** and **Folium** to conduct analysis on **200+** sensor and geospatial datasets, producing **300+** pages of detailed analytical data reports and presentations

EXTRACURRICULARS

Blackbird UAV | *Software Executive* — 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
- Developed a customer facing website using **React** and **Next.js** to market club goals and mission for the engineering team, showcasing creativity and leadership initiative

cuHacking | *Software Developer* — Aug. 2024 – Dec. 2024

- Contributed to cuHacking's website, portal and documentation site by introducing Agile principles, Extreme Programming (XP) practices and Trunk-Based Development (TBD) to improve project organization, team collaboration and knowledge base standards
- Developed an open-source form-filling automation tool using **Playwright** to streamline event logistics and bookings, saving the logistics team **10+** hours of planning

EDUCATION

Carleton University — Ottawa, ON
Bachelor of Computer Science, Honours - AI/ML Stream — *Sept. 2022 – May 2027*

- GPA 3.37/4 (letter grade of A-)