

Evan E. Oseen

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[Portfolio](#) | [LinkedIn](#) | [GitHub](#)

Experience

BDO Canada, Toronto, ON, Canada

Sept. 2026 – Present

Cloud Cyber Security Intern

- Support cloud security engagements across assessment, design, implementation, and optimization phases; review on-premise and cloud infrastructure design, including container, data, network, and operational security architecture.
- Work with leading cloud providers (**AWS, Azure, GCP**) and security vendors to evaluate solutions and advise on architecture; develop security documentation (policies, standards, baselines) and author risk and security-posture reports for technical and non-technical stakeholders.

Rogers Cybersecure Catalyst, Ontario, Canada

Oct. 2025 – Aug. 2026

Cybersecurity Intern

- Proactively identified data needs and managed collection of cybersecurity workforce datasets from **8+ sources**; gathered business requirements to clearly define analytical problems and desired outcomes.
- Applied analytical frameworks (hypothesis development, data preparation, combining sources, analysis, and validation) to surface actionable insights across **1,000+ records** and develop recommendations for stakeholders.
- Leveraged Python (pandas), SQL, and Power BI to build **5+ dashboards** and Excel reports visualizing workforce skill trends; automated data cleaning workflows that cut manual processing time by **~60%**.

Projects

Threat Intelligence Dashboard | Power BI, Python, Excel, Data Analysis

[GitHub Link](#)

- Identified data needs, collected and combined public threat intelligence datasets from **5+ sources** covering **1,000+ indicators**, and applied a full analytical framework (hypothesis, preparation, analysis, validation) to uncover attack pattern trends.
- Built interactive **Power BI** dashboards and Excel reports to present data-driven insights to stakeholders; mapped findings to strategic frameworks and cut manual analysis time by **~30%**.

Phishing URL Detector | Python, scikit-learn, Random Forest, Streamlit

[GitHub Link](#)

- Defined the business problem, developed a hypothesis, and collected a dataset of **10,000 URLs** from multiple sources; engineered structural and content-based features, assessed risks, and drew conclusions to validate the analytical model.
- Built a **Random Forest** classifier (Python, scikit-learn) achieving **98%+ accuracy**; deployed as an interactive Streamlit web app with real-time predictions on **10,000+ URLs** and clear result presentation.

Automated Trading Bot | Python, Claude AI, RSS, Linux VPS

[GitHub Link](#)

- Designed and built a Python system to collect, clean, and analyze live market data and **50+ RSS news feeds**; applied hypothesis-driven logic (volume spikes, sentiment signals) to generate structured buy/sell recommendations with configurable risk controls.
- Integrated **Claude AI** to analyze news headlines and convert unstructured data into actionable signals; deployed 24/7 on a Linux VPS with **100% uptime**, generating **\$5,000+ in returns** and growing portfolio value by **~30%**.

DocMind | FastAPI, ChromaDB, Ollama, RAG

[GitHub Link](#)

- Built a full-stack AI application (FastAPI + ChromaDB + Ollama) enabling conversational querying of multi-format documents across **1,000+ pages** using semantic vector retrieval; designed a clean UI with document management and real-time source-attributed responses.

Technical Skills

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|---|--|
| • Programming: Python (pandas, scikit-learn), SQL, Java, Bash | • Data & Analytics: Data pipelines, hypothesis development, data validation |
| • Visualization: Power BI, Tableau, Excel (Power Query, PivotTables, dashboards) | • Reporting: Excel reports, PowerPoint presentations, stakeholder communication |
| • AI/ML: Random Forest, RAG pipelines, LLM integration (Claude API), ChromaDB | • Other: GitHub, Docker, Linux VPS, REST APIs, BPMN, UML, Wireshark, Splunk |

Certifications

- | | |
|---|---|
| • IBM Cybersecurity Fundamentals | • Google Cybersecurity Professional Certificate |
| • Microsoft Azure Fundamentals (AZ-900) | • AWS Certified Cloud Practitioner |

Education

Toronto Metropolitan University

Sept. 2023 – Present

Bachelor of Commerce in Business Technology Management | Minor: Cybersecurity