

# DANIEL DINARI

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## EDUCATION

### Queen's University

Bachelor of Computing (Honours), focus in Cybersecurity

Kingston, ON

Sept 2021 – Apr 2026

- **Relevant coursework:** Cybersecurity, Cryptography, System Level Programming, Computer Networks, Operating Systems, Computer Architecture, Database Management, Data Structures, Algorithms, Software Architecture, Software QA
- **3rd place at CyberSci 2025** Ottawa Region (3-way tie between the Top 3)
- **1st place** at Queen's in **QCTF 2024** (other CTF placements on [my website](#))

## EXPERIENCE

### SOC Analyst

IBM

Hybrid / Markham, Ontario

May 2025 – Present

- Monitor security events with **IBM QRadar**, **Google SecOps**, **MS DefenderXDR** SIEMs integrated with **ServiceNow**
- Conduct **Level 1/2** investigations minimizing false positive fatigue while working with the **Escalation** and **Infra** teams
- Developed custom Python & Powershell **automation scripts** for routine analyst tasks increasing overall SOC efficiency
- Perform steady-state management for critical security infrastructure, including SIEMs, Firewalls, IDS/IPS

### Cybersecurity Consultant Intern

IBM

Toronto, Ontario

May 2024 – May 2025

- Lead the development of a **patent-pending Gen-AI** project using **IBM WatsonX** for **Identity & Access Management (IAM)**
- Architected and implemented a fully custom IAM solution in **IBM Security Verify** for federal government entities
- Developed **Python automation** scripts using IBM Security Verify APIs to streamline the initialization process
- Authored comprehensive **technical documentation** and build books noting implementation and maintenance protocols
- Collaborated with the SOC infrastructure team to optimize **Ansible playbooks** for Windows server automations
- Collaborated on RFP responses for major Canadian institutions, contributing to enterprise security solution proposals

### Cybersecurity Intern and IoT Technician

Edgecom Energy

Toronto, Ontario

May 2023 – Aug 2023

- Collaborated with Compliance Analysts to fulfill requirements outlined by the **OEB Cybersecurity Framework**
- Managed the company-wide deployment of **MS Intune**, enabling strict compliance policies
- Assisted in optimizing the internal file directory, applying the principle of least privilege (**PoLP**)
- Executed an **uninterrupted migration** of the network infrastructure to Ubiquiti, using **VLAN segmentation & QoS**
- Developed a data visualization dashboard using **PostgreSQL** and **REST APIs** in Grafana

### Information Technology Admin Intern

Oak Valley Health - Markham Stouffville Hospital

Markham, Ontario

May 2022 – Aug 2022

- Supported 200+ nurses & physicians, on-site and remotely, through the hospital-wide Meditech software upgrade

## PROJECTS

### Portfolio Websites

| Git, HTML/CSS, Hugo, CI/CD, Cloudflare, SSL/TLS, Google Analytics Feb 2023 – Present

- Managed portfolio site ([dinari.ca](http://dinari.ca)) built on the **Hugo** framework supporting **CI/CD** automated builds through Cloudflare
- Maintained the full Stack of a Beauty Salon's **WordPress** site, including server and application firewalls and booking logic

### Self-hosted Media Server

| Ubuntu Server, Docker, Omada, Syncthing, Ansible, Tailscale, Jellyfin July 2022 – Present

- Server is connected to an HPE network switch for **VLAN** configuration, PiKVM for a budget **IPMI**
- Server management behind Tailscale VPN and **Docker** containers for back-end. **Omada** Software Controller for **SDN**
- **Syncthing** as **NAS** for local or remote devices

## TECHNICAL SKILLS

**Cyber-security:** Binary Exploitation, Reverse Engineering, Adversarial Machine Learning, Active **Level II Secret Clearance**

**Languages:** Python, Bash Scripting, C, Assembly, Go, PowerShell, SQL, Java

**Python Libraries:** pwntools, angr, Z3Prover, Cryptography, Faker, Scapy, PyTorch, NumPy, Matplotlib

**Tools:** Ghidra, IDA, Pycdc, pwndbg, AzureAD, Git, Docker, Burp suite, Wireshark, VMware, Raspberry Pi, ESP32, Solidworks

**General:** Soldering, Electrical knowledge, Automotive performance builds, FPV Drones, 3D printing & design