

Danial Dinari

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Education

Queen's University

Kingston, ON

Bachelor of Computing (Honours), in Security

Sept 2021 - Apr 2025

- **Relevant coursework:** System Level Programming, Data Structures, Computer Architecture, Software Specifications, Logic for Computer Science
- **Awards:** Dean's Honour List 2021, 5th place in QCTF 2023, Queen's University Excellence Scholarship 2021
- All previous **CTF placements**

Experience

Cybersecurity Intern and IoT Technician

Markham, Ontario

Edgcom Energy

May 2023 - Present

- Collaborated with a team of Compliance Analysts to successfully fulfill the requirements outlined by the Ontario Cyber Security Framework
- Carried out a spear phishing campaign against high profile employees
- Tasked with provisioning LoraWAN Gateways and sensors as per customer orders

Information Technology Admin Intern

Markham, Ontario

Markham Stouffville Hospital

May 2022 - Aug 2022

- Provided on-site and remote support for 200+ nurses and physicians with issues regarding the hospital-wide Meditech software upgrade
- Monitored two floors to provide support for problems like logging-in via VPN and printing medical documents
- Responsible for training the incoming interns about the Meditech software
- Created, organized and distributed news material through the MSH website and posters

Information Technology Assistant

Markham, Ontario

CDI Computer Dealers Inc.

Sept 2019 - Jan 2020

- Assisted in managing active directory, installing windows and network configuration on problematic computers
- Deployed MS Office 365 and other packages like graphics drivers for users in various departments
- Help desk: assisted with solving network, software, and printer issues of hundreds of users

Projects

dinari.ca | *Git, HTML/CSS, Hugo, CI/CD, Cloudflare, SSL/TLS, Google Analytics*

Feb 2023 - Present

- CI/CD with automated builds
- Optimized for responsiveness with <0.4s TTI
- 1k+ Unique visitors per month

Self-hosted media server | *Ubuntu, Docker, Raspberry Pi KVM, Seafile, Tailscale, Sonarr, 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 services for back-end with Jellyfin providing front-end
- Seafile for a constantly syncing file-system between chosen devices in the LAN (HA)

VPN Server | *Hetzner Ubuntu instance, Wireguard, Bash Scripting, IP tables, qrencode, fail2ban*

May 2021 - July 2021

- Built a VPN using Wireguard used to fully or split tunnel a device's traffic
- Written Bash script for automation of adding 20+ users and generations of QR codes

Technical Skills

Languages: Python, Bash Scripting, Java, Assembly, C, SQL, Currently learning Go

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

Cyber-security: Top 10% in picoCTF 2023, Top 8% in TryHackMe, Completed THM's PreSecurity and Web Fundamental paths, 5th place in QCTF 2023, Currently pursuing eJPTv2, RE and Web3 experience

Tools: Burp suite, GDB (pwndbg), Ghidra, Wireshark, VMware, Raspberry Pi, Arduino, VSCode, Kali, Cpanel, AutoCAD

DevOps: Git, Docker, Google Cloud Platform, Kubernetes

General: Soldering, Electrical knowledge, 3D printing, 3D design, FPV drones, Clustering