DANIEL DINARI

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EDUCATION

Queen's University   Kingston, ON
Bachelor of Computing (Honours), focus in Cybersecurity   *Sept 2021 – Apr 2025*
- **Relevant coursework:** System Level Programming, Computer Networks, Database Management Systems, Software Architecture, Software QA, Data Structures, Algorithms, Operating Systems, Computer Architecture
- **Awards:** Dean's Honour List 2021, **1st place at Queen's** in QCTF 2024, Queen's University Excellence Scholarship 2021
- All previous **CTF placements** on my website

EXPERIENCE

Cybersecurity Intern and IoT Technician   Toronto, Ontario
Edgecom Energy   *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**), and reconfigured access groups in company's password manager for enhanced security
- 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
- Tasked with provisioning LoraWAN gateways and sensors. Created **documentation** for the process

Information Technology Admin Intern   Markham, Ontario
Markham Stouffville Hospital   *May 2022 — Aug 2022*
- Supported 200+ nurses & physicians, on-site and remotely, through the hospital-wide Meditech software upgrade
- Responsible for training the incoming interns
- Created, organized and distributed news material through the MSH website

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
- 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 Server, Docker, KVM, Ansible, Syncthing, 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** services for back-end with Jellyfin providing front-end
- Syncthing 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 tunnel endpoint's traffic. **Firewall** config using IPTables & **UFW**
- Written Bash script for **automation** of adding 20+ users and generations of QR codes

TECHNICAL SKILLS

Cyber-security: **Top 6% in picoCTF 2024**, **1st place at Queen's** in QCTF 2024, Top 4% in RingZer0rCTF, Top 7% in TryHackMe, Currently pursuing eJPT and Web3 experience

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

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

Tools: Ghidra, GDB (pwndbg), Pycdc, Linux KVM, Regex, Burp suite, Wireshark, VMware, Raspberry Pi, Arduino, Solidworks

DevOps: Git, Azure AD, RedHat based OS (Fedora), OOP, Docker, Agile Development, Systematic Testing, AWS, Ansible

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