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

Experience

Information Technology Admin Intern   Markham, Ontario
Markham Stouffville Hospital   *May 2022 − Aug 2022*
- Provided on-site and remote support through emails and phone calls for 200+ nurses and physicians with issues regarding the hospital-wide Meditech software upgrade
- Monitored two hospital floors, providing on-demand support to physicians and nurses for problems like logging-in via VPN, being unable to print medical documents, and more
- 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
- Personal website showcasing my portfolio and CTF writeups
- CI/CD with automated builds
- Fully optimized for responsiveness with <0.5s TTI (Time To Interactive)
- 500+ 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
- Docker services for back-end with Jellyfin providing front-end
- Seafile for a constantly file syncing system between chosen devices in the LAN (HA)
- Used by my household

VPS | *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 users and generations of QR codes
- 20+ simultaneous users

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 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, IDA Pro, Ghidra, Wireshark, VMware, Raspberry Pi, Arduino, VSCode, Kali, Cpanel, AutoCAD, Fusion360

DevOps: Git, Docker, Google Cloud Platform, Kubernetes

General: Soldering, Electrical knowledge, 3D printing, 3D design, FPV drones, Clustering, Always keeping up-to-date with new hardware technologies