Nour Elarab
Cybersecurity Specialist

muhammamadalarab@gmail.com | linkedin.com/in/mohamadnour | +1 (647) 949-9084 | Toronto, Ontario

EDUCATION

University of Toronto Toronto, Ontario
Post-Graduate Certificate in Cybersecurity November 2022 - June 2023

> **Coursework:** CIA Triad, Governance, Risk Analysis and Mitigation, Compliance, Business Continuity Planning, Disaster Recovery

Grade: 4.0/4.0

American University of Beirut Beirut, Lebanon
Bachelor of Engineering in Computer and Communications Engineering August 2017 - June 2022

> **Coursework:** Data Structures and Algorithms, Operating Systems, Computer Networks, Mobile Networks and Applications, Computer Organization, Web Development, Databases
> **Activities:** Automotive Club, IEEE, Robotics Club, Big Data Club, Rotaract Club
> **Dean's Honor List**

Grade: 3.5/4.0

EXPERIENCE

Dar Beirut, Lebanon
Information Technology Analyst Intern May 2021 – July 2021

> Designed and facilitated a fully-fledged Cisco network topology for two floors at Dar 2.
> Configured the sub-nets and respective VLANs for 5 strategic business units.
> Completed over 12 hours of CCNA Networking Course and SQL Database training.
> Performed all best practice switch hardening procedures for 2 L3 Cisco switches.
> Deployed VMWare ESXi hypervisor and set up 5 virtual machines.
> Configured an Active Directory using Windows Server 2016 and applied group policies.
> Developed a REST API using Python Flask and Neo4j for HR Record Keeping

SKILLS

Computer Languages: Python, SQL, JavaScript, C++, HTML, CSS, Dart
Operating Systems: Linux, Windows
Tools: Kali, Burp Suite, BeEF, Nmap, Metasploit, Wireshark, Azure, Git, React, Node, Splunk

PROJECTS

Network Cell Analyzer

> Developed an innovative Android application that provides real-time network parameters for the mobile's connected network cell (from Node-B) and enables data querying for operator connectivity, connection time, and signal-to-noise ratio (SNR). The application offers 99% accuracy for testing signal power in any given space.

RSA Encryption Web Tool

> Created a visualization web tool for decoding and encoding strings with RSA Encryption developed with HTML5, CSS3, and JavaScript ES6. Allows for instant visualization of RSA with programmable encryption parameters.

QR Classroom Utility Tool

> Developed MERN and Native software applications to automate enrollment and attendance tracking using QR Codes, creating course alerts, conducting polls, and generating grade sheets with analytics. Reduced wasted class time by an average of 7 hours or 20% per semester at AUB.