Shayaan Rashedin

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Skills

Technical Skills: Cybersecurity assessment, exploitation, and detection (Nmap, OpenVAS/GVM, Metasploit, Hydra, Splunk/SPL); Linux (Kali, Ubuntu) and Windows systems; operating systems fundamentals (processes, memory, file systems); TCP/IP networking (DNS, DHCP, NAT/PAT, VLANs, SSH, TLS/HTTPS, syslog); software and systems programming (Python, Bash, PowerShell, C/C++, SQL); data structures and algorithms; VirtualBox lab environments; SIEM operations and log analysis; network traffic analysis (Wireshark); incident analysis and MITRE ATT&CK mapping.

Soft Skills: Technical instruction, leadership and team coordination, clear communication of complex technical concepts, workshop and event delivery, documentation and reporting, analytical problem solving, time management, adaptability.

Education

Bachelor of Engineering - Computer Engineering   *September, 2023 - Exp. April, 2028*
Toronto Metropolitan University, Toronto, ON
• Relevant Coursework: Operating Systems, Computer Organization & Architecture, Software Systems, Engineering Algorithms & Data Structures, Advanced Algorithms, Digital Systems, Communication Systems.

Certifications/Training

Google Cybersecurity Professional Certificate   *June, 2025*
• Hands-on training in threat analysis, vulnerability management, SIEM-based detection, Linux security, and incident response aligned with NIST and MITRE ATT&CK frameworks.

Google IT Support Professional Certificate   *February, 2025*
• Practical experience with Linux and Windows system administration, TCP/IP networking (DNS, DHCP, NAT), troubleshooting, and foundational IT security concepts.

Cyberstart Canada – National Cybersecurity Program   *2025 - 2026*
•Challenge-based cybersecurity training covering reconnaissance, exploitation fundamentals, cryptography, and defensive security concepts.

Projects

Cybersecurity Home Lab (VirtualBox - Kali Linux, Metasploitable2, Ubuntu running Splunk):
Built and documented an isolated multi-VM lab to practice reconnaissance, exploitation, and SIEM-based detection using real-world security tooling. Full write-ups and screenshots available on portfolio: **shayaanrashedin.github.io**.

Network Scanning & Reconnaissance:
• Performed full-scope port scanning, service and OS enumeration, and vulnerability assessment using Nmap and OpenVAS, mapping exposed services to CVEs and producing remediation recommendations.

Vulnerability Exploitation:
 • Validated real-world risk by exploiting vulnerable services (vsftpd, UnrealIRCd, distcc, Telnet, MySQL) in a controlled lab, documenting proof-of-access, MITRE ATT&CK mapping, and hardening guidance.

Brute-Force Detection with Splunk:
• Built an end-to-end detection pipeline in Splunk by ingesting syslog data, simulating FTP brute-force attacks, authoring SPL correlation logic, and generating actionable alerts with remediation steps.

Experience

VP of Education - TorontoMet Cybersecurity Association, Toronto, ON   *Oct 2025 - Present*
• Plan and lead educational cybersecurity workshops and CTF sprint sessions for TMU students, helping participants build skills in Linux administration, networking, and core security concepts.
• Develop instructional materials, coordinate event logistics, and support students during hands-on labs by guiding troubleshooting, reinforcing key ideas, and ensuring an inclusive learning environment.

Youth Engineering Instructor - Toronto High Park Young Engineers, Toronto, ON   *Sept 2024 - Present*
• Teach LEGO-based engineering lessons to 20+ students, simplifying concepts like transmissions, gear ratios, and basic programming logic into engaging, age-appropriate activities.
• Create a positive classroom environment by encouraging teamwork and problem-solving, while guiding students through structured builds and interactive engineering challenges.