

SHAYAAN RASHEDIN

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Third-year Computer Engineering student at Toronto Metropolitan University specializing in cybersecurity. Hands-on experience with penetration testing, vulnerability scanning, and defensive security in lab environments. Certified in Google IT Support and Google Cybersecurity, currently pursuing CompTIA Security+. Passionate about technology, problem-solving, and building secure systems.

EXPERIENCE

Toronto High Park Young Engineers, Toronto, ON – Youth Engineering Instructor

September 2024 – Present

- Designed and delivered an engaging engineering curriculum, combining Lego projects with demonstrations of concepts like transmissions and gear ratios.
- Fostered a creative, supportive classroom environment, offering real-time guidance and encouraging hands-on exploration of engineering principles.
- Built strong parent relationships by providing regular progress updates, detailed report cards, and personalized strategies for student development.
- Coordinated with instructors to maintain consistent teaching standards and continuously refine classroom practices for better student outcomes.

Boswin Robotics, Mississauga, ON – Assistant Camp Supervisor

July 2024 – August 2024

- Directed daily operations across French, Minecraft, and Lego Robotics sessions, ensuring seamless scheduling, smooth transitions, and a safe, engaging camp environment.
- Supervised and coached camp staff, led daily briefings, resolved conflicts, and enforced standards to deliver high-quality programming.
- Engaged with parents, providing timely updates, resolving concerns, and implementing feedback to continuously enhance the camper experience.
- Managed logistics, materials setup, policy compliance, and program evaluations, recommending improvements for future sessions.

Boswin Robotics, Mississauga, ON Lego Robotics Camp Counselor

July 2023 – August 2023

- Supported daily Lego robotics sessions, assisting students with project building and skill development.
- Maintained a safe, engaging, and positive environment to promote learning and creativity among all campers.

VEX Robotics World Championship Team – Lead Builder and Programmer 2022 – 2023

- Represented Canada in the VEX Robotics World Championship for two consecutive years, leading robot design, construction, and competition preparation.
- Programmed and optimized autonomous functions, utilized CAD software for precision design, and conducted extensive testing to enhance robot reliability.
- Led troubleshooting efforts during competitions, quickly resolving mechanical and coding issues to maintain peak performance under pressure.
- Trained team members in building and programming skills, managed logistics, and documented tournament outcomes to drive continuous team improvement.

PROFICIENCIES

Technical Skills

Cybersecurity & IT Security: Vulnerability Scanning, Network Security, VPNs & Proxies, Firewalls, Cryptography (Encryption, Hashing, Salting), Access Control Models, Incident Response

Systems & Networking: Computer Networking, Routing Concepts, Systems Administration, Windows & Linux (Configuration, Hardening, Troubleshooting), Virtual Machines (Kali Linux, Metasploitable2, VirtualBox)

Programming & Tools: Python, Java, C Bash Scripting, SQL, Wireshark, Nmap, Burp Suite, Greenbone (GVM), Git/GitHub, Microsoft Office

Professional Skills

Problem-Solving & Troubleshooting, Technical Communication & Documentation, Teamwork & Collaboration, Customer Support, Process & Resource Management

PROJECTS

Built a cybersecurity home lab in VirtualBox using Kali Linux (attacker) and Metasploitable2 (target). Performed network reconnaissance (Nmap, Wireshark), vulnerability scanning (Greenbone/GVM), and web application testing (Burp Suite), validating findings with exploitation where appropriate and documenting evidence and reports.

EDUCATION

Toronto Metropolitan University, Toronto, ON, Bachelor of Computer Engineering - September 2023 – Present

Google IT Support Professional Certificate, Coursera — Online - Acquired February 2025

Google Cybersecurity Professional Certificate, Coursera — Online - Acquired June 2025

Studying for CompTIA Security+ Certification Exam – Anticipated September 2025

Port Credit Secondary School, Mississauga, ON, Ontario Secondary School Diploma (OSSD) — SciTech Certificate - September 2019 – June 2023

VOLUNTEER WORK

GlobalMedic, Mississauga, ON 2021 – 2022