Tyler James Karpowicz

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Education

Wentworth Institute of Technology, Boston, MA

Graduated 2024

Bachelor of Science Degree in Cybersecurity, Minors in Networking and Computer Sci

GPA: 3.63, Cum Laude

Certifications

• CompTIA Security+ (SYO-701)

• PowerShell 7 Essential Training

Honors & Awards

Raytheon Technologies (RTX): Achievement Award - Innovation, Spot Award - Innovation

Wentworth Institute of Technology: Certificate of Academic Excellence - Bachelor of Science in Cybersecurity

Skills

Languages: PowerShell, Bash, C, Python, Java, SQL, Command Prompt, GSC

Security Compliance: NIST 800-53, DISA STIG, SCAP Compliance Checker, Tenable Nessus, Splunk, Symantec Software: VMware, Hyper-V, Wireshark, OPNsense, Windows Firewall Configuration, Event Viewer, Visual Studio Hardware: Cisco Routers and Switches, Flipper Zero, Intel Servers, Building and Setting Up Desktop PCs, ATtiny85 Operating Systems: Linux (Kali, Ubuntu, Red Hat, Metasploit), Windows (7, 8.1, 10/10 SHB/10 EDU, 11, Server 2019)

Work Experience

Director of Sales and Business Development, Novaigu

October 2024 - Present

 Marketing and Engineering Team associate promoting and facilitating the sales of Cybersecurity products and services.

Secure Systems Administrator Intern, RTX BBN Technologies

February 2023 - May 2024

- Utilized SCAP Compliance Checker with DISA STIG Checklists, to harden laptops and servers for Government Entities, such as the Department of Defense, and for testing purposes.
- Created 10 Confluence guides and documentations on tasks commonly performed by System Administrators, Secure Systems Administrators and Engineers alike, utilized throughout the company.
- Created multiple PowerShell Scripts to automate and increase the efficiency of tasks throughout the company, such as generating system logs, Active Directory (Group ID Scraping), and folder/file structure creation.
- Gave a formal presentation to BBN Technical Staff (Sys-Admins, ISSOs, and Engineers) on a tool (Evaluate-STIG) which increased the efficiency of our existing hardening process.

Tech Sales Associate, Target

November 2019 - July 2023

• Assisted guests with technological issues and managed the Electronics Department independently when needed.

Tutor, Wentworth Institute of Technology

January 2022 - December 2022

- Tutor for Cybersecurity & Computer Science/Networking Classes: Security Principles, Cybersecurity Law & Policy, System Administration, Computer Science I, Algorithms, Databases and Intro to Networking.
- I worked with fellow students to provide a better understanding on course topics. I also provided proven tools and methodologies for problem solving, regardless of the topic at hand.

Projects & Coursework

Feedback Forward (Group)

• Worked alongside three fellow students to create a social media website, locally hosted on a webserver.

Creating A Virtual Enterprise (Pair Project)

• Created a virtual environment to resemble the computing, network and access control infrastructure of a business.

Selected Courses: Cybersecurity Law & Policy, Incident Response & Business Continuity, Computer & Network Security, Scripting for Cybersecurity & Forensics, Network Administration, System Administration, Offensive Security, Databases, Applied Cryptography, Algorithms, Operating Systems, Data Structures, French (CEFR - Early B2)