

## Tyler James Karpowicz

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Portfolio: [https://karpowicztatwit.github.io/tyler\\_karpowicz/](https://karpowicztatwit.github.io/tyler_karpowicz/)

### Education

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**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

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- **CompTIA Security+ (SYO-701)**
- **PowerShell 7 Essential Training**

### Honors & Awards

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

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

### Skills

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**Languages:** PowerShell, Bash, C, Python, Java, SQL, HTML5, JavaScript, CSS, GSC

**Security Compliance:** NIST 800-53, DISA STIG, SCAP Compliance Checker, Tenable Nessus, Splunk, Symantec

**Software:** VMware vSphere, Hyper-V, Wireshark, Nmap, Metasploit, OPNsense, RealVNC, Active Directory, Microsoft 365, Windows Firewall Configuration, Windows Event Viewer, WDS, Virtual Box, Snort, Burp Suite, 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, Proxmox), Windows (7, 8.1, 10/10 SHB/10 EDU, 11, Server 2019)

### Work Experience

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**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.

**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

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#### 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)