

Brandon Cypel

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EDUCATION

New York University

August 2021 - May 2023

Master of Science in Cyber Security; Cumulative GPA: 3.9/4.00

Select Coursework:

- **Information Systems Security Engineering and Management** - combined project management and technical expertise to collaboratively manage controls, perform risk assessments (MITRE, NIST, and ISO), and apply remediations to create cyber secure products and information technology systems.
- **Application Security** - gained practical experience in identifying, mitigating, and writing reports regarding security risks in web, mobile, and endpoint applications. Technical skills and tools utilized include Penetration Testing, Static and Dynamic Code Analysis, Javascript, HTML5, Burp Suite, Wireshark, GDB, Android Development Studio, Kubernetes Cloud, Docker, Github, and CIS Benchmarks.
- **Machine Learning** - acquired expertise in various algorithms and frameworks to build predictive models for suspicious network behavior and risk analysis. Written using Python Machine Learning and Pandas.

New York University

August 2011 - May 2015

Bachelor of the Arts in Computer Science; Cumulative GPA: 3.6/4.00

CERTIFICATIONS

- **Google Project Management Certificate**; August 2023
 - **CompTIA Security +**; June 2023 - June 2026
 - **(ISC)² Certified in Cybersecurity (CC) Associate**; June 2023 - June 2026
 - **Google Cloud Badges: Ensure Access & Identity, Build and Secure Networks, Manage Cloud Resources**
 - **Qualys Certified Specialist: Vulnerability Management, Detection & Response, Cloud Agent**
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SELECT WORK EXPERIENCE

Bar Manager

January 2019 - February 2020

East Village Tavern

New York, New York

- Led team of bartenders and mentored new staff to ensure cohesive operations and skill enhancement.
- Advocated and implemented the adoption of efficient inventory controls processes, technology, and innovative stock maintenance methods for cost-effective outcomes, leading to a 20% drop in beverage waste.
- Ensured compliance with upholding industry regulations, implementing safety protocols, and fostering a secure working environment.
- Acted as an intermediary between staff and restaurant owners inviting collaboration and communication, contributing insights and driving process improvements.
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Cyber Defense Technology Specialist / Technical Account Manager

June 2016 - January 2018

Darktrace

New York, New York

- Consulted both Cyber Security engineers and C-Suite executives on how to best protect their company, employees, and reputation.
 - Enhanced my knowledge of customer facing roles by developing technical and interpersonal proficiency in Cyber Security, earning and maintaining a portfolio of 35+ customers, generating over \$5M in contractual sales.
 - Applied conventional and bespoke methods to identify and analyze cyber threats.
 - Collaborated with the client's engineering team to provide hands-on training sessions, incident response methodologies, and solutions.
 - Responded to real-time threats, identified, and implemented effective remediation procedures.
 - Developed long-term relationships with clients and coworkers, building trust in Darktrace's capabilities.
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SKILLS & INTERESTS

Skills: Agile, Scrum, Project Management Methodologies, Excel, Conflict Resolution, Risk Management

Technical Skills:

Python, Javascript, C, MySql, Github, Kali Linux, Unix, Network Analysis Tools, Kubernetes, Docker, GDB, TCP/IP, Analysis & Reporting, Reverse Engineering, Penetration Testing, Splunk, Wireshark

Interests: Generative AI, Rock climbing, Brazilian Jiu Jitsu, Fitness, Cycling, CTF Challenges