

Adrian Necaj

Queens, NY | an4837@nyu.edu | [LinkedIn](#) | [ePortfolio](#)

EDUCATION

New York University – Tandon School of Engineering
Masters in Cybersecurity
Cyber Fellows Scholarship

Brooklyn, NY
GPA: 4.00
May 2027

Rochester Institute of Technology
Bachelors of Science in Cybersecurity
Minor in Web Development & Immersion in Economics

Rochester, NY
May 2024

WORK EXPERIENCE

EXECUTIVE CHAMBER CYBER INTERN

Feb 2026 - Present

NYS Chief Cyber Office

New York, NY

- Coordinated with state agencies to facilitate the NYS Cyber Survey, mapping CIS Controls v8.1.2 across IT and OT domains and developing R and Python-based data analysis tools to identify compliance gaps and drive prioritization
- Authored weekly threat intelligence memos and AI policy research reports briefed to the Director of Security & Intelligence, covering emerging cyber risks, disinformation, and critical infrastructure
- Designed a cybersecurity incident reporting interface for the NYS CCO website; identified unintended vulnerabilities during beta testing that prompted a formal red team security review

INFORMATION SECURITY INTERN

Jan 2023 – Apr 2023

Rochester Institute of Technology

Rochester, NY

- Integrated Rapid7 with ServiceNow to automate vulnerability management and security operations, reducing manual monitoring tasks by 30% and improving response time to threats by 20%.
- Conducted security assessments and vulnerability scans using tools such as Nessus and OpenVAS, identifying and mitigating potential risks.
- Assisted in the development and implementation of security policies and procedures, supporting ongoing cybersecurity awareness and training initiatives.

JR. APPLICATION ADMINISTRATOR INTERN

Aug 2022 – Dec 2022

Rochester Institute of Technology

Rochester, NY

- Managed ServiceNow applications, performing software updates, bug fixes, and customizations to optimize system performance.
- Collaborated with cross-functional teams to integrate ServiceNow workflows, streamlining operational processes and improving data accuracy.
- Developed documentation and standard operating procedures to support future platform maintenance and team onboarding.

PROJECTS

IoT Network Segmentation Project - [GITHUB](#)

Fall 2025

- Designed simulated comparison of flat vs. segmented network architectures for 40 IoT devices using GNS3 and Python automation.
- Modeled 67% reduction in lateral movement success through VLAN isolation and Zero Trust access control implementation.
- Analyzed building automation security across four metrics, demonstrating 180% improvement in detection rates.
- Produced academic research paper and presentation evaluating segmentation effectiveness in residential environments.

Behavioral Risk Integration in GRC Frameworks - [GITHUB](#)

Fall 2025

- Researched integration of behavioral risk metrics into enterprise GRC frameworks to reduce social engineering vulnerabilities.
- Analyzed human-integrated GRC approach demonstrating 37.5% reduction in social engineering incident rates through behavioral simulations.
- Evaluated continuous monitoring and machine learning methods for identifying human-factor security risks in operating systems.
- Produced IEEE-formatted research paper and 12-minute academic presentation on behavioral security controls versus traditional GRC approaches.

ADDITIONAL

Certifications & Training: Google IT Support Certification

Security Tools & Frameworks: Rapid7, Nessus, OpenVAS, Wazuh, SIEM, XDR, ServiceNow, NIST, CIS, MITRE ATT&CK, STRIDE, Python, R

Systems & Platforms: Linux, Windows, MacOS, AWS, Active Directory, Virtualization, GNS3

Technical Skills: Risk Management, Compliance, Audit, Microsoft Office, Penetration Testing, Threat Modeling, Technical Writing

Honors & Awards: National Honors Society, Dean's List '21-'24, Founder's Scholarship Society, WiCHacks Hackathon