

Adrian Necaj

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EDUCATION

Rochester Institute of Technology • B.S Cybersecurity '24

GPA: 3.18

Minor in Web Development • Immersion in Economics • RITSEC • Google IT Support Certification

PROFESSIONAL EXPERIENCE

Viral Software Solutions Inc New York, NY

May 2024 – Present

Security Specialist Part-Time

- Developed and implemented Python scripts to automate the creation and management of security groups, Network Access Control Lists (NACLs), Virtual Private Clouds (VPCs), and subnets on AWS resulting in improved speed for development teams
- Helped review the security settings for different application teams to ensure that they met the security standards and requirements set by GSO. This included ensuring that TLS was enabled for all applications, applications were not deployed in public subnets, and application teams had plans to remediate CVEs

Rochester Institute of Technology RIT, Rochester NY

Jan 2023 – Apr 2023

Information Security Intern

- Built upon previous co-op block experience by integrating Rapid7 and other automated methods with the ServiceNow platform to manage vulnerabilities, monitor for malicious behavior, and automate security operations.
- 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.

Rochester Institute of Technology RIT, Rochester NY

Aug 2022 – Dec 2022

Jr. Application Administrator Intern

- Applied ServiceNow application administration skills, implementing software updates and leveraging ServiceNow "building blocks" to enhance system functionality.
- Developed and implemented enhancements, bug fixes, and projects in adherence to established standards, ensuring optimal system performance.
- Collaborated with cross-functional teams to integrate ServiceNow applications seamlessly into existing workflows, streamlining operational processes.

PROJECTS

Malware Analysis – WannaCry - Report

Spring 2022

- Conducted in-depth analysis of live malware, specifically WannaCry, utilizing the MalwareDB (theZoo).
- Employed a combination of tools and techniques to execute both Static and Dynamic Analysis
- Established a controlled lab environment to facilitate a secure and controlled analysis process
- Leveraged a diverse set of software applications and tools, including Wireshark, x32dbg, VirusTotal, and more, to augment the analysis process and extract valuable insights from malicious code.

Risk Management Scenario - Report

Fall 2021

- Conducted a comprehensive risk management analysis for a teaching hospital, involving the assessment of information and non-information assets in a specific security scenario.
- Employed industry-standard frameworks, including MITRE ATT&CK and STRIDE, to identify and analyze potential vulnerabilities in the hospital's security posture.
- Utilized the FIPS 199 categorization to quantify the impact of potential threats on different information assets
- Developed comprehensive risk mitigations, ensuring a proactive approach to addressing identified vulnerabilities and reducing the overall risk exposure of the organization.

SKILLS

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|-----------------------|-----------|---------|--------------------------|
| • Penetration Testing | • Linux | • SIEM | • Python |
| • Risk Management | • Windows | • MySQL | • Microsoft Office Suite |
| • Virtualization | • Mac OSX | • Java | • ServiceNow |
| • Cyber Frameworks | • C & C++ | • PHP | • Active Directory |