

Adrian Necaj

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EDUCATION

Bachelors of Science in Cybersecurity

Rochester Institute of Technology, Rochester NY

Minor in Web Development & Immersion in Economics

GPA: 3.18

May 2024

WORK EXPERIENCE

SECURITY SPECIALIST Part-Time

May 2024 – Present

Viral Software Solutions Inc.

New York, NY

- 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

INFORMATION SECURITY INTERN

Jan 2023 – Apr 2023

Rochester Institute of Technology

Rochester, NY

- Built upon previous co-op experience by integrating Rapid7 with ServiceNow to automate vulnerability management and security operations, reducing manual monitoring tasks by 30% and increasing 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

- 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

Secure Infrastructure Design for REEL EDUCATION - [GitHub](#)

Spring 2023

- Configured and secured Reel Education's IT infrastructure based on CIS benchmarks, improving compliance across Windows and Linux systems by 40%.
- Implemented network segmentation using VLANs to segregate Windows and Linux environments for enhanced security.
- Applied CIS security controls, including system hardening, password policies, and secure access controls on both platforms.
- Integrated Wazuh as an MDR platform for real-time monitoring, threat detection, and CIS Benchmark compliance scans.

Risk Management Report - [Github](#)

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

ADDITIONAL

Technical Skills: Risk Management, Cyber Frameworks, Virtualization, Penetration Testing, Linux, Windows, Mac OSX, C, C++, SIEM, MySQL, Java, PHP, Python, Microsoft Office Suite, ServiceNow, Active Directory, Compliance, AWS, XDR, Powershell, Javascript, Audit

Soft Skills: Team Collaboration, Problem-Solving, Leadership, Communication, Adaptability, Attention to Detail, Time Management

Related Coursework: Computer System Security, Risk Management for Information Security, Cyber Security Policy & Law, Disaster Recovery, Network & System Security Audit, Principles of Web Application Security, Programming for Information Security

Certifications & Training: Google IT Support Certification

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