NATHAN SANTIAGO

RICHMOND, VA | 832. 794.0522 | natesantiago529@gmail.com | LinkedIn: in/NathanFSantiago

CYBERSECURITY ANALYST

Vulnerability Management ♦ Network Engineering ♦ Cloud Architecture

Results-driven Information Security Consultant with expertise across multiple technologies, including Linux, Windows, PowerShell, AWS, Azure DevOps, JavaScript, and Cisco Network Security Tools. Demonstrates a proven track record of delivering measurable results and driving business success in technology risk consulting. Experienced in conducting IT risk assessments, performing thorough control testing, and collaborating with external audit teams and regulatory bodies to ensure compliance with industry standards and legal requirements. Skilled in implementing new security measures, researching and writing technical reports for cyber incidents, and optimizing AWS access management.

CORE COMPETENCIES

C#, Java, Python, R, SQL, JavaScript, Windows, Linux, macOS, SQL Server, Oracle, MySQL, Ansible, AWS, PowerShell, Azure Dev Ops, Cisco Switches, Docker, Wireshark, Nessus, Burp Suite, Metasploit, Information Security, Network Security, Identity and Access Management, Network Architecture, Threat Detection, Risk Assessment, Incident Response, Vulnerability Management, Penetration Testing, Security Auditing, Data Analysis

EDUCATION

Bachelor of Science in Business Administration **| West Virginia University | Morgantown, WV**
Major: Management Information Systems, Minors: Data Analytics & Cybersecurity, GPA in Major: 3.5
LEAN 6 Sigma White Belt Certified, CISSP: Passed exam in June 2024

ACCOMPLISHMENTS

➢ Streamlined privileged account management by implementing a group policy, resulting in a 61% decrease in accounts and improved AD system security at International Flavors and Fragrances.

➢ Saved the company from potential threats by presenting to leadership an intelligence report covering the cost comparison of vulnerabilities and security measures, resulting in informed decision-making for improved security with positive ROI.

➢ Overhauled administrative practices, advised and implemented a more secure process for a government organization, resulting in improved separation of duties and least privilege for future EY audits.

➢ Revamped documentation process, leveraging commercial tools & methodology for the GPS sector, resulting in a 28% efficiency increase within 3 months by optimizing the documenting of evidence.

EXPERIENCE

Ernst & Young LLP | Richmond, VA   **July 2023 – August 2024**
Technology Risk Consultant
- Conducted in-depth IT risk assessments for a diverse range of clients, identifying vulnerabilities and recommending mitigation strategies to strengthen overall cybersecurity defenses.
- Performed comprehensive directive and logical control testing, assessing the effectiveness of security measures and ensuring compliance with industry standards and regulatory frameworks including GDPR.
- Collaborated with external audit teams and regulatory bodies to ensure successful audits and compliance with industry standards and legal requirements.

IFF: International Flavors and Fragrances | Uniontown, NJ   **June 2022 – August 2022**
Information Security Consultant
- Consolidated data to implement a new reputational threat intelligence service.
- Researched major cyber incidents to analyze threat intelligence and assessed related prevention, mitigation, and recovery strategies, presenting findings to senior executives.
- Reduced risk by eliminating unnecessary local administrative access and transitioning privileged users to accounts with enhanced access controls.
- Cataloged AWS access keys to remove unnecessary access and ensure users were in permission policies.

Fusion Technology LLC | Bridgeport, WV   **May 2022 – April 2023**
Software Development Intern
- Designed and developed a web application that provided a seamless user interface for a Java program on a MySQL server, including the functionality to add CSS files.
- Integrated Google's API for credential management, streamlining authentication and enhancing security protocols.
- Created and secured a Linux server on a VM in compliance with CIS standards, gaining experience in automating the hardening process and practicing penetration testing.