

Neil Machado

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WORK EXPERIENCE

Cybersecurity Project Intern | Curacao | Los Angeles, CA

October 2023 - Present

- Migrated outdated DOS systems to secure Windows 10 installations, significantly improving system performance and security posture.
- Implemented and enforced stringent physical security protocols by disabling open USB and Ethernet ports, ensuring compliance with industry standards (ISO/IEC 27001).
- Optimized system configurations with Seven+ devices in adherence to PCI compliance standards.
- Integrated new systems seamlessly into the existing network infrastructure, maintaining operational continuity and data integrity.
- Spearheaded the deployment of a SOPHOS firewall system and conducted a thorough audit of firewall controls.
- Investigated a comprehensive wireless security assessment and identified vulnerabilities in encryption protocols, password policies, and physical security.
- Provided strategic recommendations and directed improvements, resulting in a substantial strengthening of security posture.
- Executed a wireless security penetration test.

Security Project Intern | 7LeadGen, Inc. | Remote

January 2022 - July 2022

- Enhanced incident response efficiency by monitoring and responding to SIEM alerts.
- Performed Five+ third-party cross-functional applications scans using tools like Nessus to identify vulnerabilities in servers and network devices.
- Applied the NIST framework to assess and align security controls in adherence to industry best practices.
- Created deliverables, such as gap analysis, technical report, and executive out brief, and presented to stakeholders in workshops.
- Authored user-friendly guides on secure password practices, fostering a heightened security culture among 20+ employees.

EDUCATION

Masters of Science in Cybersecurity, California State University Dominguez Hills

August 2024 (Expected)

Current GPA 3.9, coursework includes: Practical Cybersecurity, Advanced Hacking Prevention, Information Security Policies and Procedures, Cyber Forensics, Information Assurance and Network Security, Secure Cloud Computing, Advanced Operating System Security.

Bachelor of Engineering in Electronics and Computer Science | University of Mumbai, India

August 2019 - May 2024

With a 3.5 GPA, the coursework included subjects like: Electronic Devices and Circuits, Hardware Security, Cryptography & System Security, Computer Networks, Operating System, Data Structures & Algorithms, Software Engineering, Artificial Intelligence, Mobile Computing, and Advanced Java.

CERTIFICATIONS & BADGES

- CompTIA Security + (Sec+)
- Google Professional Cybersecurity Certificate
- Amazon Cloud Practitioner
- Cisco Cyber Threat Management
- LinkedIn - Cybersecurity (Become an Ethical Hacker)
- LinkedIn - Learning the OWASP Top 10
- University of Maryland - Cybersecurity Specialization
- Exposure Management Expert - EM Cyber

SKILLS

- **Tools & Technologies:** Tenable Nessus, Wireshark, Metasploit, Nmap, Github, Netsparker, MS Office Suite, Eclipse IDE, Apache Server, phpMyAdmin.
- **Frameworks:** NIST, ISO, GDPR, CIS, PCI-DSS, MITRE ATT&CK.
- **Operating Systems:** Kali Linux, Windows, MacOS, Ubuntu, Android, iOS.
- **Abilities/Knowledge:** Risk Management, Asset Management, Reconnaissance, Vulnerability Analysis, Penetration Testing, Network Forensics, Log Analysis, Process Optimization, Data Visualization, Incident Response, Web Application Security, Linux, Threat Analysis, Firewalls, Security Monitoring, Documentation, GRC, IAM, MFA, SSO, Managed Detection and Response (MDR), DevSecOps.
- **Cloud:** AWS, Azure, Oracle.
- **Programming & Scripting:** Python, Bash, SQL, CLI.