

Nicholas Phillips

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EDUCATION

Marist College, School of Computer Science

Poughkeepsie, NY

BS in Cybersecurity; Minor in Information Technology - Cum Laude

May 2025

- Honors: Dean's List (3 Semesters), Greystone Technology Scholarship Recipient

PROJECTS AND CERTIFICATIONS

CompTIA Security+ (SY0-701)

Certification ID: WCELMCHSXN1E59BJ

Valid Through: July 2028

Linux KVM Security Capstone Project

September 2024 - Present

- Built a virtualized security testing environment on an IBM x86 Server using QEMU and Libvirt with Ubuntu 24.04 and Windows 11 VMs
- Simulated real world attack scenarios by researching and executing known CVEs to test system resilience
- Utilized AI-based log analysis tools to detect exploitation attempts, enabling proactive threat identification and enhancing incident response capabilities for blue team workflows
- **Purpose:** Provided a realistic platform for vulnerability testing and detection analysis, supporting the development of intrusion detection strategies and security baselining for enterprise systems

Networking Sandbox Project

January 2025 - Present

- Designed and implemented a scalable, multi-site enterprise network in Cisco Packet Tracer, implementing 20+ critical features including VLAN segmentation, inter-VLAN routing, Layer 2 security controls, and STP root bridge optimization.
- Configured Zone-Based Firewalls, Static NAT, and Port Address Translation to secure DMZ services (HTTP/FTP), modeling secure LAN-to-Internet communication.
- **Purpose:** Created a comprehensive simulated environment to test network security policies, firewall configurations, and incident response procedures, enabling assessment of enterprise network resilience and defense strategies.

Skills: Cisco CLI, Linux Bash Terminal, System Log Analysis, Splunk, Windows Active Directory Services, Nmap, Wireshark, Linux KVM, Java, Python

WORK EXPERIENCE

Marist College IT HelpDesk

Poughkeepsie, NY

- Resolved IT issues efficiently, providing hardware, software, and network support with a high first-contact resolution rate
- Improved helpdesk efficiency through effective troubleshooting and thorough documentation

Parrino's Greenhouse and L&J Landscaping

Pawling, NY

- Handled customer relations in the day-to-day business and improved interpersonal skills
- Maintained property and general upkeep of facility with high attention to detail

Professional Objective

Seeking a role in cybersecurity with a focus on security analysis, risk management, and network security.