

Moises Zuniga

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EDUCATION

New Jersey Institute of Technology <i>Bachelor of Science in Computer Science (GPA: 3.5)</i>	Newark, NJ Jan. 2026 – Dec. 2029
NJIT Cyber Security Bootcamp <i>Certificate of Completion</i>	Newark, NJ Jan. 2025 – Dec. 2025

• Relevant Coursework: Introduction to Python, Introduction to Object-Oriented Programming, Physics I & II, Calculus I & II

• Certifications: CompTIA Network+, NJIT Cyber Security Certificate, CompTIA Security+ (In Progress)

• Relevant Coursework: Bash & Powershell Scripting, SIEM Operations, Digital Forensics, Secure Networking, DevOps, Penetration Testing

EXPERIENCE

IT Assistant <i>NJIT Civil Engineering</i>	Sep. 2024 – Dec. 2024 Newark, NJ
• Resolved 25+ weekly Tier 1 support tickets with a 95% first-contact resolution rate across Windows hardware, software, and networking issues.	
• Diagnosed and repaired 15+ critical office devices, reducing average hardware downtime by 20%.	
• Managed an inventory of 40+ assets valued at \$15k+, streamlining deployment of 10+ workstations and cutting setup time by 30%.	
• Maintained 99.9% network uptime by troubleshooting LAN connectivity, IP configuration, and physical cabling for 50+ network drops.	

PROJECTS

SIEM SOC Lab Exploration Wazuh, Kali Linux, Windows Server, Ubuntu	Feb. 2025
• Built a multi-VM SOC lab monitoring 150+ security events in real time across heterogeneous operating systems.	
• Configured centralized log ingestion with custom rules and decoders to detect 15+ security use cases including firewall activity and suspicious commands.	
• Implemented automated alerting and Kibana dashboards, improving threat visibility and incident response speed by 40%.	
Full-Stack Secure Password Manager Python, Flask, BCrypt, Bootstrap	Oct. 2025
• Developed a secure password manager with 3-layer MFA (password, email token, TOTP), reducing unauthorized access risk by ~90%.	
• Implemented bcrypt hashing, rate limiting, and timed lockouts to mitigate brute-force attacks by 80%.	
• Designed a responsive Bootstrap UI with 6+ user-facing pages to improve usability and workflow efficiency.	
Network Port Scanner Python, Nmap, Flask	Nov. 2025
• Engineered a web-based workflow for server-side scanning and downloadable reports using python-nmap.	
• Optimized Nmap execution to reduce scan time by ~40% while maintaining detailed service enumeration.	
• Integrated multi-page Flask routing to visualize results and reduce manual CLI overhead by 70%.	
Machine Learning Packet Analyzer Scikit-Learn, XGBoost, Python	Dec. 2025
• Built a Scikit-Learn pipeline to preprocess 42 network features with full data leakage prevention.	
• Optimized an XGBoost classifier with 500 estimators, reducing false positives by ~9% through learning-rate tuning.	
• Applied stratified shuffle splitting across 257,000+ traffic logs to detect 30,600+ malicious instances.	

TECHNICAL SKILLS

Cybersecurity: SIEM (Splunk, Wazuh), SOC Operations, Network Security, Packet Analysis, Port Scanning
Languages: Python, C, PowerShell, Bash, Java, SQL (SQLite), Spanish (Fluent)
Tools & Frameworks: Flask, NumPy, BeautifulSoup, Python-Nmap, Bootstrap, JSON, Cisco Packet Tracer
IT Operations: Workstation Configuration, LAN Troubleshooting, Windows Desktop Support