FERNANDO MARTINEZ

Computer Science Student | Cybersecurity & Network Defense

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Computer Science student specializing in cybersecurity, network defense, and incident response. Experienced with Linux, SQL, and Wireshark through hands-on labs and Google Cybersecurity Professional Certificate coursework.

EDUCATION

New York Institute of Technology , Old Westbury NY   Fall 2023 - Spring 2027

Bachelors of Computer Science

Data Structures, Operating Systems, Programming Language Concepts

CERTIFICATIONS

- **Google Cybersecurity Professional Certificate, 2025**
- **Meta Full Stack Developer Specialization (In Progress)**

CYBERSECURITY PROJECTS

File Permissions in Linux - Security Lab

- Configured file and directory permissions using chmod, ls -l and chown to apply least-privilege access.
- Validated secure access control across 3 directories, preventing unauthorized writes.

SQL Security Filtering - Data Analyst Project

- Queried simulated login datasets to detect abnormal logins and Boolean anomalies.
- Proposed access-control refinements improving detection of unauthorized accounts.

Log Analyzer in Python

- Developed a Python script to parse system log files and detect repeated IP addresses indicating potential brute-force attempts.
- Utilized regex, file I/O, and CSV output to automate reporting of suspicious login patterns.

SKILLS

- Technical: Linux (chmod, ls, chown), Wireshark(Packet Analysis), Splunk(SIEM), SQL, Python.
- Security: NIST Framework, CIA Triad, Incident Response, Log Analysis.
- Soft: Analytical Thinking, Communication, Leadership.

LEADERSHIP

Society of Hispanics Professionals Engineers (Senator)

- Collaborated with engineering students to plan professional events promoting diversity in tech.
- Led meetings and coordinated initiatives improving student engagement and STEM participation.