

Mauricio Martinez

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Summary

UTRGV cybersecurity student targeting Security Analyst Intern. Focus on network defense, incident-response triage, and log/telemetry analysis. Experience supporting vulnerability scanning in a county government environment and creating repeatable technical guidance in academic settings. Working knowledge of email security workflows, CVE research and mitigation summaries, and MITRE ATT&CK mapping, with a focus on reproducible, automation-assisted analysis.

Skills

Cyber Security:

- **Incident response fundamentals:** triage, basic containment logic, evidence handling/preservation basics
- **Email security:** pre-delivery filtering, IOC review, sandbox-aware analysis, post-delivery remediation
- **Vulnerability management:** scanning support, patch prioritization concepts, risk-based mitigation
- **Network security:** private/public IP, NAT concepts, scanning fundamentals
- **Threat mapping and research:** MITRE ATT&CK alignment, CVE tracing and mitigation
- Basic reverse engineering and encoding/decoding concepts

Tools & Platforms:

- **Hands on:** Nmap, Angry IP Scanner, Wireshark, Linux (Kali), PowerShell
- **Exposure to:** Cortex XDR, Cloudflare content filtering, Proofpoint email security tooling & MDR, Active Directory

Frameworks & Standards: NIST SP 800-53, NIST Privacy Framework, MITRE ATT&CK, CVE/NVD workflow awareness

Programming & Data:

- **Languages:** Python, JS/TS, Bash, PowerShell, HTML/CSS
- **Data/ML:** NumPy, Pandas
- **Workflow:** ETL, API ingestion, data cleaning, versioned environments, telemetry time-series

Experience

Intern | Cameron County | Dec 2025 – Present

- Supported recurring vulnerability scans for county endpoints and assisted with risk summaries for vendor comparison.

Student Academic Assistant | University of Texas Rio Grande Valley (Computer Science Dept.) | Sep 2025 – Dec 2025

- Resolved recurring technical and coursework issues for students and faculty; documented repeatable guidance to improve turnaround on common requests.
- Provided structured troubleshooting support across programming, tooling, and environment setup.

Mentor | University of Texas Rio Grande Valley (P-16 Outreach & Testing Services) | Mar 2025 – Sep 2025

- Mentored 21 students and supported two summer camps as Resident Assistant, coordinating schedules, materials, and engagement tracking.
- Managed communications and logistics using Microsoft Teams, Zoom, and Canva.

Education

The University of Texas Rio Grande Valley

B.S. Cybersecurity | Aug 2023 – Jun 2027 | GPA: 3.6 | Edinburg, TX

