Mauricio Martinez

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Summary

UTRGV cybersecurity student pursuing SOC Analyst roles. Developing operational proficiency with Cortex XDR, including incident triage workflows, playbooks/automation, and XQL querying. County government cybersecurity experience supporting vulnerability scanning, investigation support, and repeatable processes. Emphasis on clear technical reasoning, reproducibility, and incremental improvement.

Skills

SOC / IR	Incident triage fundamentals, alert validation, evidence handling basics, containment logic, log/telemetry analysis
Vuln / Threat	Vulnerability scanning support, patch prioritization concepts, CVE/CWE research
Email Security	Pre-delivery filtering concepts, IOC review, sandbox-aware analysis, post-delivery remediation workflows
Tools & Platforms	Cortex XDR, XQL (learning/usage), Nmap, Angry IP Scanner, Wireshark, Linux (Kali), PowerShell, Active Directory, Cloudflare content filtering, Proofpoint
Frameworks	NIST SP 800-53, NIST Privacy Framework, CVE/NVD workflow awareness
Programming & Data	Python, JavaScript/TypeScript, Bash, PowerShell, HTML/CSS; NumPy, Pandas; ETL, API ingestion, data cleaning, versioned environments

Experience

Cybersecurity Intern — Cameron County   Dec 2025 – Present

- Supported recurring vulnerability scans for county endpoints; assisted with remediation tracking and risk summaries for vendor comparison.
- Assisted with Cortex XDR incident-response workflows (triage, investigation context gathering, documentation).
- Supported controlled phishing/security awareness efforts and reporting.

Student Academic Assistant — UTRGV (Computer Science Department)   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 across programming, tooling, and environment setup.

Mentor — UTRGV (P-16 Outreach & Testing Services)   Mar 2025 – Sep 2025

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

Selected Projects

Barcode Scanner for CS (Inventory) — GitHub

- Developed a mobile barcode scanning app for asset inventory: scan barcode → select status/building/room → submit.
- Implemented Excel synchronization (inventory vs. non-inventory sheets) to support operational tracking and reporting.

Gulf Water Quality Analysis — GitHub

- Built a web-based interface for analyzing Gulf-region water-quality data using AI-assisted characteristic matching and visualization.
- Packaged for local execution with environment configuration and a lightweight web server.

Education

The University of Texas Rio Grande Valley (UTRGV)
B.S. Cybersecurity — GPA: 3.5   *Aug 2023 – Jun 2027 — Edinburg, TX*