Emilio Tarango

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EDUCATION & CERTIFICATIONS
- Master of Science, Cybersecurity & Information Assurance - Western Governors University
- Bachelor of Science, Cybersecurity & Information Assurance - Western Governors University
- (ISC)² — Systems Security Certified Practitioner (SSCP)
- CompTIA — Security+, CySA+, PenTest+

PROFESSIONAL EXPERIENCE

Transportation Security Administration (TSA)
Transportation Security Officer (TSO)
March 2011 – Present
- Operate and monitor advanced screening and detection systems (AIT, X-ray, ETD, metal detection) screening 500–900 passengers per shift in a high-tempo, regulated federal environment
- Identify, assess, escalate, and document security anomalies and prohibited items in accordance with federal SOPs, maintaining zero procedural violations across internal audits and inspections
- Serve as Acting Team Leader, providing operational guidance and oversight for 6–12 officers per shift, ensuring compliance, throughput efficiency, and procedural accuracy

DataWave Communications
Surveillance Systems & Network Technician
June 2019 – December 2024
- Installed, configured, and maintained IP-based surveillance, DVR/NVR, and access control systems across 40+ commercial sites, supporting continuous system availability
- Designed and supported segmented IP camera networks (5–100 devices per site), addressing authentication, bandwidth management, and network security risks within customer infrastructures
- Diagnosed and resolved hardware, firmware, and network connectivity issues on-site and remotely, improving system uptime by approximately 20–30% and reducing repeat service incidents

United States Army / Army Reserve / National Guard
Specialist (Secret Clearance)
April 2008 – April 2019
- Conducted law enforcement, access control, and security operations supporting 1,000+ personnel, facilities, and sensitive assets
- Led convoy and security operations in high-risk environments, maintaining 100% accountability of personnel, vehicles, and mission equipment
- Trained and mentored 20+ junior personnel on security procedures, situational awareness, and compliance standards

PROJECTS
Built and hosted my personal portfolio site using HTML, CSS, and GitHub Pages, applying web development fundamentals learned at WGU. I created four cybersecurity projects by using tools like Wireshark for packet analysis, Splunk and ELK for alert triage and log correlation, Nmap for network discovery, and Kali Linux/Metasploit to simulate attack scenarios. Each project focused on documenting real-world workflows such as incident triage, threat investigation, risk tracking, and network segmentation.