

## 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)<sup>2</sup> — 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

Security Specialist (Secret Clearance)

April 2008 – April 2019

- Conducted security, access control, and protective operations supporting 1,000+ personnel, facilities, and sensitive assets
- Led vehicle-based security and protective operations in high-risk environments, maintaining 100% accountability of personnel, vehicles, and operational equipment
- Trained and mentored 20+ team members 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.