Justin Tedeschi

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PROFESSIONAL EXPERIENCE

University of Tampa - Service Desk Technician

August 2024 - May 2025

- Administered Active Directory and Okta for account provisioning, password resets, MFA, and access control, improving identity management workflows.Utilized SolarWinds to operate and contain any incoming requests or needed assistance.
- Utilized SolarWinds to track, resolve, and document service requests for students, faculty, and staff.
- Collaborated with multiple departments to support secure system access and resolve technical issues.

Actian - Cloud Security Engineer Intern

June 2024 - August 2024

- Developed Python and Bash scripts to automate container deployments and cloud environment configurations, improving consistency and reducing manual setup time.
- Assisted in implementing SSO to streamline user authentication and enforce stronger access control.
- Deployed and monitored honeypots to analyze attacker behavior, developed a script that parsed attack logs and generated an interactive geographic dashboard, further enhancing threat intelligence and early detection capabilities.

PROJECTS

Proxmox Home Server

- Built a personal virtualization lab using spare computer components, assembling and configuring hardware for testing and learning purposes.
- Installed and managed Proxmox VE to host multiple VMs and services, simulating enterprise-style infrastructure.
- Configured virtual networks, storage pools, and VM isolation to support security testing, patching, and system hardening.

Pi-hole Analysis

- Deployed Pi-hole on a Raspberry Pi 3 to perform DNS-level traffic filtering and analysis across the network.
- Analyzed blocked DNS packets and query logs, identifying that approximately 20–30% of total DNS requests were related to ad or tracking domains.
- Identified the most commonly blocked ad and tracking domains by examining DNS query patterns over time, using the results to better understand normal vs. unwanted traffic behavior.
- Adjusted blocklists and filtering rules based on observed DNS activity, improving the accuracy of DNS-level filtering and overall network visibility.

SKILLS AND CERTIFICATES

- Windows
- MacOS
- Linux
- Python
- Shell

- EC2
- IAM
- Docker
- Active Directory
- Wireshark

- TCP/ IP
- DNS
- DHCP
- VLAN
- Firewall

- Proxmox
- OPNsense
- Pi-hole
- Wazuh
- WireGuard

- **AZ-900**
- **CompTIA A+** (Studying)

EDUCATION

The University of Tampa

B.S. Management Information Systems   **May 2025**
Minor in Cybersecurity