

Gage Hutson

Texarkana, TX

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Objective

Aspiring IT Specialist with hands-on experience in virtualization, networking, and system administration through internships, military service, and labs. Proven ability to manage critical IT infrastructure, troubleshoot complex issues, and continuously learn new technologies.

EDUCATION

Stephen F. Austin State University, Nacogdoches, TX

- Major: Bachelors in Information Technology
- Minor: Business
- Cumulative GPA: 3.63

Sheppard AFB Technical School

- COMM/NAV/MS, USAF Tech School, Soldering Techniques, Electronic Principles

KEY SKILLS

- **Operating Systems:** Microsoft Windows, Microsoft Windows Server, Linux
- **Ticketing & Management Tools:** Jira, ALM, Spiceworks
- **Directory Services:** Active Directory, Group Policy Objects, DHCP, DNS
- **Virtualization:** VirtualBox, Hyper-V, VMWare, Proxmox, VLANs
- **Networking:** Subnetting, VPN, firewall configuration, Network Troubleshooting, .NET
- **Scripting & Automation:** Bash, PowerShell, CLI, Cron Jobs, Automation
- **Web & Application Hosting:** Apache, PHP, SQL, HTML, CSS, JavaScript
- **File Systems & Storage:** NFS, SMB, SAN, NAS, Permissions, RAID, backups

Certifications

- Network+, CompTia — Scheduled for Aug 2025
- Security+, CompTia — Jun 2025
- Computer Networks and Network Security, IBM — Apr 2025
- Technical Support Fundamentals, Google — Apr 2025
- Configure and Test Basic Network Connectivity, Coursera — Apr 2025

WORK EXPERIENCE

Network Admin Internship

Apr. 2025 – Present

City of Lufkin, Lufkin, TX

- Assisting in the management and maintenance of Dell EMC Unity system, including monitoring performance and storage for virtualized server environments
- Performing network switch replacements, ensuring minimal downtime and network connectivity for essential city services such as Dispatch, PD, Fire, and City Hall
- Resolved help desk tickets requested by city user base regarding hardware and connectivity issues on desktops, phones lines, and cameras for the City of Lufkin
- Maintained coax systems, DACs, IFPs, and fiber network equipment for reliable service

Information Technology Services Internship

May 2024 – Aug. 2024

Stephen F. Austin University, Nacogdoches, TX

- Set up Virtual Desktop Infrastructure (VDI) integrated with virtual machine servers using VMware to support remote access for end users
- Investigated and resolved technical issues, such as system faults within the VxRail and MX7000 modular systems
- Supported Active Directory tasks including user account management and group policy reviews
- Assisted in configuring and troubleshooting network-connected devices such as printers and scanners

US Air Force

Jul. 2018 – Jul. 2023

Communication/Navigation Avionics Technician, Little Rock, AR

- Responsible for the integrity of maintenance form documentation as well as online supply and maintenance tracking for 40 assigned C-130J aircraft valued at \$1.6B
- Installed hardware and software, created navigation databases, and updated aircraft system components utilizing JLG, forklifts, and flightline vehicles at a maximum of 60ft
- Identified, troubleshooted, and resolved problems, such as aircraft computing system services
- Analyzed and repaired complex wiring issues using multimeters and troubleshooting techniques, isolating faults such as grounded wires to restore system functionality

Technical Projects

Independent hands-on labs focused on networking and IT systems

Cisco Packet Tracer Lab

Jun. 2025

- Implemented secure switch and router configurations, including port security, ACLs, and SSH remote access. Configured multi-router topologies with VLANs, static/dynamic routing
- Troubleshoot Layer 2/3 connectivity issues and validated configurations using CLI tools

Enterprise Server Lab

Apr. 2025

- Virtualized an enterprise IT environment using Windows Server (AD DS, DHCP, DNS) and Group Policy to manage users and permissions across Unifi and VM infrastructure
- Configured domain services, implemented Group Policies, and deployed Virtual Machines simulating an enterprise network on real world server hardware

Home Lab VM Server

Apr. 2025

- Designed and assembled a rack-mounted dual-Xeon Type 1 Hypervisor server with 64GB ECC RAM, SSDs, and multiple HDDs for storage and backups
- Configured Proxmox to host Windows and Linux VMs for home lab testing, including an OPNsense firewall with rule configurations, web servers, and docker containerization projects

Poole's Pools Business Web Server (poolespools.gagespace.com)

Jan. 2025

- Developed a simulated pool service platform with login/signup, customer portal, and technician dashboard using PHP/MySQL hosted on Apache
- Designed database schema, set authentication logic, and deployed services on a subdomain

Clustered File Server

Oct. 2024

- Built a Raspberry Pi NFS cluster with Apache and PHP web interface for uploading and downloading shared files on a Linux host
- Set up NFS shares, built PHP upload logic, and secured Apache access