

# Gage Hutson

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## Objective

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Aspiring System Administrator with a strong passion for virtualization and IT infrastructure. Eager to support critical systems and continue growing in a technical environment.

## EDUCATION

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**Stephen F. Austin State University, Nacogdoches, TX** **Aug. 2025**

- Major: Bachelor of Science in Information Technology
- Minor: Business
- Cumulative GPA: 3.63

**Sheppard AFB Technical School** **Apr. 2019**

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

**Lackland AFB 320<sup>th</sup> Squadron** **Oct. 2018**

- Basic Military Training

## KEY SKILLS

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- **Operating Systems:** Windows, Windows Server, Linux (Ubuntu)
- **Directory Services:** Active Directory, Group Policy Objects, DHCP, DNS
- **Virtualization:** VirtualBox, Hyper-V, VMWare, Proxmox, VLANs,
- **Networking:** Subnetting, VPN, firewall configuration, network troubleshooting, Unifi
- **Scripting & Automation:** Bash, PowerShell, CLI, cron jobs, automation, task schedulers
- **Web & Application Hosting:** Apache, PHP, MySQL, self-hosted, front end/backend
- **File Systems & Storage:** NFS, SAN, file permissions, RAID, cluster file sharing
- **Monitoring & Maintenance:** Log analysis, monitoring, tickets, resource optimization

## Certifications

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- Computer Networks and Network Security, IBM — Apr 2026
- Technical Support Fundamentals, Google — Apr 2026
- Configure and Test Basic Network Connectivity, Coursera — Apr 2026

## WORK EXPERIENCE

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**Server Admin Internship** **Apr. 2025 – Present**

*City of Lufkin, Lufkin, TX*

- Assisted in the management and maintenance of Dell EMC Unity storage systems, including monitoring performance and provisioning storage for virtualized environments
- Performed hands-on hardware replacements on NAS units, ensuring minimal downtime and accurate component swaps
- Utilized Wireshark to analyze network traffic, identify bottlenecks, and assist in diagnosing connectivity issues
- Remotely accessed user desktops to troubleshooting system-level issues, including network printer connectivity and resource access

## **Information Technology Services Internship**

**May 2024 – Aug. 2024**

*Stephen F. Austin University, Nacogdoches, TX*

- Set up VDI and gained proficiency in administrative virtual machine servers and collaboration tools utilizing technologies like VMware
- Investigated and resolved technical issues, such as system faults within the VxRail and MX7000 modular systems
- Participated in meetings with the IT Security team, discussing system logs, SOAR, Tines, and managing large volumes of data effectively through SUM
- Collaborated on projects involving email routing and spam protection using Proofpoint, gaining insight into email protocols and server management within the cloud

## **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
- Identified, troubleshooted, and resolved problems, such as those relating to 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**

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*Independent hands-on labs focused on network systems and IT systems*

### **Enterprise Server Lab Setup**

**Apr. 2025 – Present**

- Virtualized a school IT environment using Windows Server (AD DS, DHCP, DNS) and Group Policy to manage users and permissions across Unifi and VM infrastructure
- Responsible for configuring domain services, setting Group Policies, and deploying Virtual Machines simulating an enterprise network on enterprise server infrastructure

### **Poole's Pools Business Web Server (poolespools.kesug.com)**

**Feb. 2025 – May. 2025**

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

### **Clustered File Server**

**Jan. 2025 – Feb. 2025**

- Built a Raspberry Pi NFS cluster with Apache + 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

### **Personal Website (gagespace.com)**

**Jan. 2025 – Feb. 2025**

- Hosted a secure website using Cloudflare Tunnel linked to the clustered file server, with HTML/CSS frontend and PHP backend for file handling and login access for family
- Built full-stack site, integrated secure access, and managed deployment

### **Self-hosted VPN**

**Jul. 2024 – Jul. 2024**

- Set up VPN on a home router with RSA encryption to enable secure, remote access across LAN, as well as establishing a VPN to access enterprise lab server from home
- Responsible for VPN server configuration, key generation, and client integration