

Evan Byrd

evanbyrd8@gmail.com ■ (214)985-4058 ■ linkedin.com/in/evanbyrd8 ■ Princeton, TX ■ Security Clearance

PROFESSIONAL SUMMARY

Network Specialist with 2+ years of experience managing network infrastructure for a district of 23,000+ staff and students. Expertise in Cisco/Aruba switching, Palo Alto firewall administration, wireless optimization, and network security. Proven ability to configure and deploy network switching and wireless equipment with a focus on resiliency and reliability across multiple campuses. Skilled at using network monitoring tools such as SolarWinds, Wireshark, and AirWave to quickly identify and resolve issues.

TECHNICAL SKILLS

Networking: Cisco (IOS, CLI), Aruba (AOS-CX, Central), VLANs, LACP, DHCP/IPV6 Snooping

Security: Palo Alto Firewalls, ClearPass, ContentKeeper

Wireless: Aruba Mobility Conductor, AirWave, AP Provisioning, Wi-Fi Troubleshooting

Monitoring & Tools: SolarWinds, AirWave, StruxtureWare, WireShark, NetAlly LinkRunner/Aircheck, Visio

Hardware: Cisco Catalyst, Aruba CX, UPS (APC), Fiber & SFP Replacement, Ethernet Cable Repair

WORK EXPERIENCE

Network Specialist

February 2023 – Present

Allen Independent School District, Allen, TX

- Maintain and optimize network infrastructure for 20,920 students and 2,755 staff across 24 campuses.
- Manage 1000+ Cisco/Aruba switches and 2,600+ Aruba APs, ensuring 99.9% uptime.
- Configure and enforce firewall policies (Palo Alto) and content filtering (ContentKeeper) for 30,000+ devices.
- Spearheaded deployment of 100+ edge switches, improving network reliability and bandwidth.
- Upgraded district-wide fiber, improving bandwidth, redundancy, and latency by 200%
- Enhanced network security by implementing IPv6/DHCP snooping, reducing unauthorized access risks.
- Saved \$100K+ by repurposing equipment, including Wi-Fi upgrades, edge switching, and stadium coverage.
- Utilize SolarWinds, Aruba Central, and StruxtureWare to monitor performance and proactively resolve issues.
- Designed and mapped the entire district's network in Microsoft Visio, improving troubleshooting speed by 50%.
- Collaborate with cross-functional IT teams, vendors, and construction teams to support infrastructure projects.

Network Specialist

February 2021 – Present

United States Army Reserve, Seagoville, TX

- Manage and secure IP-based network systems for 300+ users in mission-critical environments
- Configure, maintain, and troubleshoot routers switches, and encryption devices to ensure secure communications.
- Perform real-time network monitoring and fault resolution, reducing downtime by 30%.
- Trained and mentored junior IT personnel, enhancing overall unit readiness.
- Promoted after graduating with Honors from the U.S. Army Cyber Center of Excellence.
- Maintain active security clearance level of Secret. Active since: July 27th, 2021

EDUCATION

**Bachelor of Science, Information Technology;
concentration in Network Operations**

July 2023

Excelsior University, Albany, NY, Magna Cum Laude

CERTIFICATIONS

Cisco Certified Network Associate (CCNA)

October 2022

Cisco Systems, Inc.

Microsoft Certified: Azure Fundamentals (AZ-900)

February 2025

Microsoft