

Simeon L. Frith IV

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EDUCATION

Kennesaw State University – Kennesaw, GA

Bachelor of Science in Cybersecurity; Minor in Computer Science

Expected May 2027 | GPA: 3.5

Relevant Coursework: Data Structures, Computer Organization & Architecture, Linear Algebra, Database Systems, Calculus II, Client Systems Security, Network Security

WORK EXPERIENCE

Data Cable Technician

Georgia Technical Services | May 2025 – August 2025

- Terminate Ethernet cables with RJ45 connectors (Cat5e/Cat6) ensuring high-quality signal performance.
- Perform punchdown on patch panels and keystone jacks using 110/66 blocks.
- Pull and route structured cabling through ceilings, walls, and conduits in commercial/industrial environments.
- Rack, stack, and install network hardware including switches, access points (APs), and patch panels.

TECHNICAL PROJECTS

Network Engineering Homelab Setup – Independent Project

- Designed and implemented a physical network lab with a Cisco router(2811) and two switches (3550, 2960).
- Configured static and dynamic routing protocols (RIP, OSPF) for inter-network communication.
- Deployed VLANs and inter-VLAN routing to improve traffic management.
- Simulated WAN links with private IP addressing (10.0.0.0/30) to emulate enterprise networking. - Tested and troubleshoot configurations to strengthen practical networking skills.

Python Network Automation Lab – Independent Project

- Developed a Python script using Netmiko to automate Cisco router configurations over SSH.
- Scripted tasks including IP assignment, interface enabling, and saving configurations for streamlined setups
- Built experience with network device CLI, SSH connectivity, and Python-based automation.

Media Server (Jellyfin - Self Hosted) – Independent Project

- Self-hosted Jellyfin, service deployed on an HP Elite All-in-One, providing LAN-based HTTP media streaming.
- Integrated into a VLAN-segmented network using Cisco 2960 and 3550 switches.
- Configuration data and service metadata backed up to free cloud storage via automated sync.

ADDITIONAL

Technical Skills: Java, Python, SQL, Network Simulation Tools: Cisco Packet Tracing, PC Troubleshooting, Microsoft Office, Operating Systems (Linux, Windows), Routing & Switching, Network Troubleshooting, IP Addressing & Subnetting, Cisco Networking, AWS(EC2,VPC), Microsoft Azure(VNETs), Firewall policies (Cisco ASA), VPN/FTP,

Soft Skills: Dependable, Critical-Thinking, Collaborative, Attention to Detail, Problem-Solving, Fast Learner, Customer Support

Certifications: Cisco's Introduction to Cybersecurity, Cisco Certified Network Associate (Expected May 2026)