

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

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 two Cisco routers (1841, 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 segmentation and 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 in Packet Tracer.
- 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.

ADDITIONAL

Technical Skills: Java, Python, SQL, Network Simulation Tools: Cisco Packet Tracing, Digital Logic, Computer Arithmetic, Operating Systems (Linux, Windows), Routing & Switching, Network Troubleshooting, IP Addressing & Subnetting. Cisco Networking, AWS(EC2,VPC), Microsoft Azure(VNETs), Firewall policies (Cisco ASA)

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

Certifications: Cisco Certified Network Associate (Expected December 2025)