

Carson Carmody

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EDUCATION

University of North Carolina at Charlotte

Aug. 2023 – Dec. 2026

B.A. Computer Science — GPA: 3.88

Charlotte, NC

Academic Distinctions

Chancellor's List (4x) — Dean's List (2x)

EXPERIENCE

Associate Network Technician Intern

May 2026 – Aug. 2026

OneIT at UNC Charlotte

Charlotte, NC

- Performed after-hours Cisco Catalyst 9400 chassis replacements, MAC address configuration, and 10G-to-40G fiber migrations using QSFP optics while minimizing production network downtime
- Diagnosed and resolved Layer 1-3 Cisco network connectivity issues involving DHCP failures (APIPA), error-disabled switch ports, and guest wireless outages
- Decommissioned Cisco supervisors and switches, installed UPS systems and network management cards, and audited 100+ network closets to verify hardware inventory and connectivity
- Resolved 20+ service tickets independently by tracing office ports to patch panels and switches, replacing patch cables, documenting resolutions, and restoring connectivity for faculty and staff

Additive Manufacturing Engineering Intern

Jan. 2023 – June 2023

Ashley Furniture Industries

Advance, NC

- Developed three-dimensional models in SOLIDWORKS for maintenance, repair, and operations
- Maintained three-dimensional printers through loading, printing, and servicing
- Engineered solutions to problems using computer-aided design software

PROJECTS

Air Quality Monitor | *Python, CircuitPython*

July 2023 – Aug. 2023

- Soldered sensors to monitor temperature, carbon dioxide, pressure, humidity, and particle count with RPi 4
- Built and optimized code in Python to operate environmental sensors
- Visualized terminal data using Adafruit IO
- Configured and operated the project using Raspberry Pi OS

CERTIFICATIONS

CompTIA Network+

April 2026

TECHNICAL SKILLS

Systems Administration: Windows Server, Active Directory, Group Policy, Hyper-V, virtualization

Systems & Hardware: Server/Network hardware deployment, UPS management, fiber optics, soldering

Networking: DHCP, DNS, IPv4/IPv6, VLANs, routing/switching, cable testing/tracing

Operating Systems: Windows, Ubuntu, Raspberry Pi OS Lite

Programming: Java, Python, JavaScript, HTML, CSS, PHP, SQL

Tools: Visual Studio Code, PyCharm, NGINX, Bootstrap, SOLIDWORKS, Autodesk Inventor