

Cameron Miller

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EDUCATION

The Ohio State University | College of Engineering

Cumulative GPA: 3.31

President's List: SP25

Dean's List: AU25

Major: Computer Science Engineering

Specialization: Computer Networking

PROJECTS

Port Scanner & Network Discovery Tool

July 2026

- Developed a Nmap-inspired network scanning tool in Python to identify open, closed, and filtered TCP ports with service and banner detection using threads.
- Implemented network discovery to identify active hosts, resolve hostnames, and retrieve MAC addresses and device vendors.

Personal Website & Homelab | cam1ller.com

June 2026 - Present

- Built and self-host a personal website using HTML, CSS, Flask, and SQLite with a custom admin dashboard and login system.
- Manage a Proxmox homelab running Ubuntu Server and Docker, configuring Nginx, DNS, HTTPS, firewalls, SSH, and Tailscale for secure access.

WORK EXPERIENCE

Central Integrations, Network Intern, Pittsburgh PA

May 2026 – August 2026

- Supported device management, maintenance, and troubleshooting across **50+ client environments**, including schools and businesses.
- Used NetBox to document network infrastructure, including racks, devices, and equipment configurations.
- Assisted with the installation, configuration, and troubleshooting of network and end-user equipment.

Cookies Creamery, Closing Manager, Pittsburgh, PA

May 2024 – August 2024

- Oversaw closing operations of the building ensuring proper shutdown, cash handling and security measures.
- Supervised and assigned roles to employees to maintain store efficiency and service quality
- Trusted independently during closing hours, ensuring everything shuts down in an efficient and safe manner.

CAMPUS INVOLVEMENT

Sigma Alpha Epsilon (SAE) Fraternity, Active Member

September 2025 – Present

- Contributed to BuckeyeThon fundraising efforts for pediatric cancer research, achieving 2nd place overall in all Greek Life organizations by raising over \$7,500 at Ohio State University. (2025-2026)
- Worked with members to achieve a standard of service, leadership, and development while promoting accountability, academic balance, and a positive culture.

Ohio State Roundnet Team

- Competed in intercollegiate Roundnet tournaments representing Ohio State at the national level.
- Collaborated with teammates to develop strategies, communication, and compete under competitive pressure.
- Helped mentor and train new players through the official rules and drills for competitive preparation.

SKILLS AND INTERESTS

- Skills: Linux, C, Python, Java, Docker, NetBox, DNS, MATLAB, JUnit, Proxmox VE, SSH
- Interests: Golf, Thrifting, Volleyball, Ice Hockey, Performance Training, Strategy Games

