

# Dylan Davis

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Portfolio — GitHub — LinkedIn

## Career Objective

Computer Science graduate with hands-on cybersecurity research and leadership experience, seeking technical roles that combine deep technical knowledge with strong communication skills to deliver real-world solutions. Passionate about open source technologies, Linux systems, cloud development, and Agentic AI with a long-term goal of mentoring teams and contributing to impactful innovations and solutions.

## Education

**The University of Kansas**, Lawrence, KS

Graduation: May 2025

Bachelor of Science in Computer Science — Certificate in CyberSecurity

Minor in Business

## Professional Experience

**Undergraduate Research Assistant**

May 2024 – May 2025

*The University of Kansas*

- Contributed to Bluetooth Mesh Lab and a phishing-based social engineering study under the supervision of Dr. Bardas.
- Programmed embedded systems in C using Zephyr libraries; implemented littlefs on XIAO Seed devices. Conducted five field tests with the group, maintained detailed procedures, and analyzed the results. Created and maintained documentation with reproducibility in mind.
- Analyzed the results and developed relevant technical solutions.
- Analyzed Phishing Techniques used in Western Countries and Kuwait, developed a questionnaire to identify differences in susceptibility patterns and attack methodologies.
- Reviewed research literature for SOUPS '25 Conference.

**Senior Orientation Assistant**

May 2022 – May 2024

*The University of Kansas*

- Led training for new orientation assistants, mentoring more than 10 peers in communication, professionalism, and campus knowledge.
- Oversaw daily logistics and operational execution during orientation events; ensured smooth coordination with dining services, facilities, and advising teams.
- Resolved issues on site in real time, including special accommodations for students with disabilities, tracking down late or missing students, and handling family concerns.
- Delivered formal presentations to KU administrators and provost-level staff as a student representative of the orientation team.
- Served as a trusted leader and point of contact for internal team operations and conflict resolution.

**Orientation Assistant**

May 2021 – May 2022

*The University of Kansas*

- Educated new students about academic advising, university resources, and campus facilities funded by student fees.
- Personally guided more than 500 students through the enrollment and orientation process, a record number for the program.
- Delivered daily presentations to groups of 100+ students and families, strengthening public speaking and interpersonal communication.
- Led campus tours, escorted students to advising appointments, and supported first-time college students in navigating the university system.
- Developed high-level customer service, problem solving and teamwork skills in a fast-paced, high-impact environment.

## Projects

- **Homelab Setup:** Built a secure homelab using Raspberry Pis and spare computers. Used Proxmox to self-host services; explored Linux system administration, Docker containers, and fullstack development.
- **Escape At The Museum:** Developed a virtual reality puzzle game using Godot and Meta Quest 2. Created 3D assets in Goxel and edited audio in Audacity.
- **GymBuddy:** Built a social fitness tracker app using React and Firebase. Integrated friend features and designed an AI-driven workout suggestion system.
- **Personal Website:** Designed and deployed a portfolio using TypeScript and GitHub Pages.

## Skills

**Programming Languages:** C, Python, JavaScript, TypeScript, HTML/CSS, MATLAB

**Soft Skills:** Public Speaking, Team Leadership, Communication, Networking, Customer Service, Client interaction

**Languages Spoken:** English, Spanish