

Dylan Alejandro Davis

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Portfolio — GitHub — LinkedIn

Career Objective

Computer Science graduate with hands-on Cybersecurity research and leadership experience, targeting technical roles that require both deep technical knowledge and the ability to communicate those complex concepts, to solve real problems, and one day mentor teams again.

Education

The University of Kansas, Lawrence, KS

Graduation: May 2025

Bachelor of Science in Computer Science — Minor in Business

Certificate in CyberSecurity

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; worked on implementing littlefs on XIAO Seed devices. Conducted five field tests with group, maintained detailed procedures and analyzed results. Created and maintained documentation with reproducibility in mind.
- Analyzed Phishing techniques utilized in Western countries, and Kuwait, developed a questionnaire to identify the differences in susceptibility patterns, and attack methodologies.
- Reviewed research literature for SOUPS '25 Conference.

Orientation Assistant

May 2021 – May 2024

The University of Kansas

- Promoted to Senior Orientation Assistant; mentored 10+ peers and managed team coordination.
- Facilitated orientation and transition services for over 500 new students.
- Delivered presentations, organized special projects, and handled accommodations.

Academic Projects

- **Escape At The Museum:** Virtual reality game using the Meta Quest 2, godot, goxel, and audacity.
- **GymBuddy:** A fitness app utilizing Firebase, and JS react.
- **Database Project:** model of a small community library using MariaDB, and Python.
- **Numerical Analysis Project:** matlab, Python, and open source .csv datasets.
- **Self driving car project:** Embedded Systems programming in C using platform IO.

Personal Projects

Personal Website

- Developed and deployed a work in progress portfolio using TypeScript, and hosted on GitHub Pages.

Homelab Setup

- Working on configuring a secure homelab, utilizing my hardware as efficiently as possible.
- Clustered a stack of raspberrypi's using Proxmox, with the intention of self hosting services.

Skills

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

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

Languages Spoken: English, Spanish