

AUSTIN STERNBERG

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PROFILE

Student at Kent State University specializing in cybersecurity and network administration. Skilled in troubleshooting network issues, administration of devices and networking equipment, as well as web development in svelte, react, and python.

EDUCATION

Kent State University

Kent, OH

Bachelor of Sciences, Computer Science

Aug 2023 - May 2027

- Dean's List: Fall 2023, Spring 2024, Fall 2024
- President's List: Spring 2025, Fall 2024

PROJECTS

Python INFOSEC | Python

- Set of python based information reconnaissance and forensics scripts that allow for easy passive sweeps/scans to be run.
- Includes network scanning, BLE scanning, domain scanning, and port checking tools.
- Interfaces with nmap and wireshark to provide better scans without having to completely re-invent the wheel.

narr0w | Svelte, Typescript, N8N, Open Router · NexHacks 2026 (1st Place)

- Automated ticket assignment and some solving aimed at make developer and IT jobs faster and more efficient.
- N8N runs two agents, one for assignment and one for code completion on GitHub. Interfaces Open Router to send and receive data from various Gemini models.
- Won 1st Place (Platinum Sponsor Track - The Token Company) and 2nd Place (DevSwarm Sponsor Track) at NexHacks.

BluQ | Python, TypeScript, Angular, Powershell · HackDearborn4 (1st Overall)

- Bluetooth implementation of TCP communications for more options of communication
- Implements a node meshing network that allows for dynamic addition or removal of nodes. Algorithm used for routing between clients.
- Awarded 1st Place Overall at HackDearborn4.

EXPERIENCE

IT Support Intern

May 2025 - Jan 2026

Riverside Local Schools

Painesville, OH

- Support network and device maintenance across district buildings.
- Coordinate with the Director of IT to roll out system upgrades and deployment of new technologies.
- Led student workers in learning how to repair and maintain devices used by students and staff.

IT Student Worker

Jun 2022 - Feb 2025

Riverside Local Schools

Painesville, OH

- Assessed and repaired student devices, primarily chromebooks.
- Prepared devices for sale or disposal, through the deletion and destruction of data to DOTD standards.
- Took inventory of all technology assets in the district, and set up equipment for classroom use.

LEADERSHIP

Events Coordinator

Jan 2025 - Present

HacKSU

Kent, OH

- Manage the budget, timeline, and marketing effort for four events spread across each academic year.
- Delegate tasks including emailing sponsors, picking up items, and advertising outside of Kent State.
- Serve as the main point of contact & head of events. Work with University departments to secure funding, locations, and interest.

President

May 2025 - Present

KSU Combat Robotics

Kent, OH

- Lead a team of 30+ members in designing, building, and repairing combat robots for competition.
- Organize meetings, delegate tasks, and manage the club's budget and resources with the support of the executive team.
- Coordinate with departmental and university officials to ensure club events run smoothly and within guidelines.

SKILLS

Languages: Python, TypeScript, JavaScript, C++

Backend: Flask, FastAPI

Frontend: Svelte, React, Tailwind CSS

Databases: PostgreSQL, MongoDB

Networking: Cisco Meraki, Wireshark, BurpSuite

ACHIEVEMENTS / CERTIFICATIONS

TestOut Hybrid Server Pro: Core | Nov 2025

Entry level certification on windows server software. Earned as part of my Server Administration and Configuration 1 course. Teaches active directory, windows server manager, trusts, DHCP & DNS resolvers, and some Linux security.

TestOut Security Pro | Nov 2025

Entry level certification on security concepts and configuring security rules on end devices, both Linux and Windows. Earned as part of my Information Technology Security course. Teaches windows and linux user configuration, active directory rule enforcement across groups, and basic cisco network security.

Distinguished Student Leadership Award | Apr 2025

Awarded per department to one student for demonstrating outstanding leadership and drive in and outside of the classroom. Nominated directly for this award by the Chair of the Computer Science Department.