AUSTIN STERNBERG

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Profile

Computer Science student at Kent State University concentrating in cybersecurity, with a well-rounded background spanning full-stack software development, network administration, and information security. Builds full-stack web applications with modern frameworks while also bringing hands-on experience in device and network administration, IT support, and security-focused scripting and tooling. Balances technical depth with strong leadership experience, managing budgets, coordinating university stakeholders, and leading teams through complex, deadline-driven projects for multiple student organizations.

Education

Kent State University — **Kent, OH**
Bachelor of Sciences, Computer Science — Aug 2023 - May 2027

- GPA: 3.88
- Dean's List: Fall 2023, Spring 2024
- President's List: Fall 2024, Spring 2025, Fall 2025, Spring 2026

Projects

ToolSmith | **Svelte, WASM, Typst, TesseractJS, OpenAI API**

- Set of Professional Tools to build resumes, email, signatures, business card, and more.
- Built based around Tpyst typesetting language, export to pdf/HTML formats.
- Privacy focused, everything is stored Client side

narr0w | **Svelte, Typescript, N8N, Open Router**

- 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.

BluQ | **Python, TypeScript, Angular, Powershell**

- 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.

Experience

IT Intern — **May 2026 - Aug 2026**
Awetomaton — Beavercreek, OH

- Built a full-stack document processing app using SvelteKit, TypeScript, and PostgreSQL, with AI-driven OCR (Tesseract.js) for automated data extraction.
- Developed document generation pipelines with Docxtemplater and LibreOffice, converting structured data into formatted Word and PDF files.
- Integrate PDF.js for document rendering and using n8n to automate state tracking and user input per resume iteration.
- Built a directory sync engine to extract Microsoft Entra ID group and application data for identity and access management workflows.

IT Support Intern — **May 2025 - Jan 2026**
Riverside Local Schools — Painesville, OH

- Supported network and device maintenance across district buildings.
- Assisted with system upgrades and deployment of new technologies.
- Lead student workers in learning how to repair and maintain devices used by students and staff.

IT Student Worker — **Jun 2022 - Feb 2022**
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

President — **Apr 2026 - Present**
HacKSU — Kent, OH

- Manage the lesson schedule, events, and overarching goals of the club.
- Coordinate with the CS Department, University, and Corporate connections to grow and encourage participation.
- Work with a team of 10-15 to plan events, design lessons, invite speakers, and gather membership across CS & other majors.
- Previously served as the Events Coordinator, where I win charge of the budget, planning, and scheduling of larger events, reaching up to 160 people.

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, Nodejs
Frontend: Sveltekit, Tailwind CSS
Databases: PostgreSQL, MongoDB
Networking: Cisco, Ubiquiti, Wireshark

Achievements / Certifications

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.

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