

Austin Winger-Kailer

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EDUCATION

Youngstown State University

Bachelor in Computer Science, Minor in Math

Youngstown, OH

August 2021 – December 2025

EXPERIENCE

Dev Youngstown (Software solutions company)

June 2024 – Present

Full-Stack Software Engineer

Remote Youngstown, OH

- Developed and maintained 3 Full Stack Web Applications for clients in an agile, remote work environment utilizing JavaScript (React, Vite, TypeScript) and FastAPI (Python).
- Designed and constructed interactive and reusable UI components using React to improve user experience
- Created and managed GitHub issues to track bugs, feature requests, and technical debt, improving project organization.
- Conducted detailed Pull Request reviews, providing feedback on code structure, performance, and best practices.

Youngstown State University

June 2024 – Present

Student Software Engineer

Youngstown, OH

- Maintained and updated web content through Drupal 10 CMS using HTML, CSS, and JavaScript, ensuring websites were functional, up-to-date, and aligned with user expectations.
- Handled and resolved incoming website management tickets with a quick turnaround time, ensuring consistent satisfaction among clients.
- Strengthened basic HTML, CSS, and JavaScript knowledge, building a strong technical foundation that was later applied in an internship setting.

UNDERGRADUATE UNIVERSITY RESEARCH

Youngstown State University

August 2024 – Present

Undergraduate D.S. Researcher

Youngstown, OH

- * Partnered with TravelCenters of America to develop software solutions aligned with company goals, presenting findings and project updates to corporate mentors and stakeholders.
- * Designed and developed a Full-Stack Web Application (React, FastAPI) in an Agile environment, integrating the Ollama AI model Mistral to analyze thousands of customer reviews and extract key insights.

PROJECTS

Habit Tracker (WIP) | *FastAPI, React (TypeScript), Github*

[GitHub Link](#)

- * Developed and implemented a RESTful API using FastAPI + SQLite.
- * Built foundational user management functionality using CRUD operations.

Ohio Eclipse Web App | *Python, JavaScript, Flask, React, Google Maps API, GitHub, Insomnia*

[GitHub Link](#)

- * Designed and developed a Full-Stack Web Application to capture a user's location and guide them to the nearest city to experience the total solar eclipse (2024)
- * Built in Python (Flask) and JavaScript (React) while utilizing Google Maps API and the Haversine Formula for location guidance.

TECHNICAL SKILLS

Languages: Python, TypeScript/JavaScript, Java, C++, MySQL, HTML/CSS

Frameworks: FastAPI, Node.js, Flask, Express

Developer Tools: Git/GitHub, VS Code, Xcode, Android Studio, pgAdmin 4

Libraries: React, ReactNative, BeautifulSoup, Selenium, Pandas