Austin Winger-Kailer

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EDUCATION

Youngstown State University — Youngstown, OH
Bachelor in Computer Science, Minor in Math — *August 2021 – December 2025*

EXPERIENCE

Dev Youngstown (Software solutions company) — June 2024 – Present
Full-Stack Software Engineer — *Remote Youngstown, OH*

- Designed and implemented RESTful APIs (FastAPI) and databases to support MVP applications used by clients for data-driven decision making.
- Developed an Admin User Table for an AI-driven insurance web platform, including sortable tables, search/filter capabilities, and role-based access controls to streamline account management.
- Integrated the OneSignal SDK into an existing AI Powered Bible App, adding deep link and in-app notifications increasing user retention rate.
- Built a React Trivia Game scene featuring component-based UI, game state logic, and user interaction flows, improving the app's engagement and replayability.

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.

UNDERGRADUATE UNIVERSITY RESEARCH

Youngstown State University — August 2024 – May 2025
Undergraduate D.S. Researcher — *Youngstown, OH*

- 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 guide corporate strategies.
- Partnered with TravelCenters of America to align research findings with business objectives, presenting findings and project updates to technical and non-technical stakeholders.

PROJECTS

Habit Tracker (WIP) | *FastAPI, React (TypeScript), Cerk, Github* — [GitHub Link](#)

- Developing a RESTtful API for habit tracking-data, implementing CRUD operations to support long-term behavioral insights.
- Integrated Clerk SDK in order to streamline user management and conveniently retrieve user-specific data

Ohio Eclipse Web App | *Python, JavaScript, Flask, React, Google Maps API, GitHub, Insomnia* — [GitHub Link](#)

- Designed a location-based web app to process geospatial data (Haversine formula, Google Maps API) and recommend optimal viewing locations for users to see the 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