

Logan Markley

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Portfolio Website: loganmarkley.github.io

EDUCATION

Missouri University of Science and Technology

Expected Graduation: May 2025

B.S. Computer Science

Cumulative GPA: 4.0 / 4.0

Relevant Coursework:

-Intro to Databases	-Data Structures	-Intro to Operating Systems	-Intro to Microcontrollers / Embedded
-Technical Writing	-Algorithms	-Intro to Artificial Intelligence	-Intro to Deep Learning

SKILLS

Technical: Python | C++ | JavaScript | React | HTML/CSS | SQL | Git | Docker | Excel/Sheets

Soft: Organization | Collaboration | Time Management | Attention to Detail | Responsibility | Communication

EMPLOYMENT

Research Assistant - Missouri S&T Center for Aerospace Manufacturing Technologies

Dec 2023 - Present

- Implement features such as a data graph into a codebase using JavaScript, React, and Docker
- Collaborate with a professor and members of Boeing on a data management and storage project
- Gain experience with comprehending previously written code and adding features in a timely manner

Peer Learning Assistant - Missouri S&T LEAD Program

Sept 2022 - Dec 2023

- Facilitated small group tutoring and exam review sessions under the LEAD Program on campus
- Collaborated with around 15 other PLA's and professors to guide over 250 students through Engineering Physics I
- Inspired learning not by giving out solutions but rather through asking questions in order to reinforce the material

Student Ambassador - Missouri S&T Computer Science Department

April 2023 - Present

- Introduce prospective students to the CS Department and program via a sit-down discussion and a tour of the building
- Assist in planning and hosting webinars, open houses, and other events that the CS Department hosts

PROJECTS

Pathways - Python and SQLite3 - Class Project

- Collaborated with two other students to plan and implement a Python database application using SQLite and a Tkinter GUI
- Learned how to interact with a database file and how Python and SQL can work together to automate SQL executions

Room Planner - Python - Personal Project

- Developed a blueprint-style room planner that allows for precise dimensions and furniture placement using Pygame
- Created all code, graphics, and designs from the ground up while developing the project in a sequential fashion

Portfolio Website - HTML, CSS, and JavaScript - Personal Project

- Built a portfolio website from scratch that showcases projects and demonstrates coding experience
- Utilized JavaScript, CSS, and HTML to create a cohesive page with differing sections and a navbar for traversal

LEADERSHIP

Eta Kappa Nu Honor Society - Recording Secretary Officer

Dec 2023 - Present

- Track attendance, participation, and hours for every HKN member and event, relying heavily on Excel and SharePoint
- Work in the Bridge committee to help the Bridge Chair write and finalize the annual Bridge Report

Association for Computing Machinery - Web Dev Team Lead

Aug 2023 - Dec 2023

- Assisted in leading our student chapter of ACM Web through example projects, planning, and brainstorming

MISC.

Awards: Dean's List (2021-2024) | Garmin Miner Merit Scholarship | Honors Scholar | Kummer Vanguard Scholar

Activities: ACM Mega Miner AI Comp. (Fall 2023) | LinkedIn JS Essentials Course | Asian American Association Member