

Logan Markley

loganmarkley03@gmail.com · (314) 223-9093 · St. Louis, MO

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:

- | | | | |
|-----------------------|----------------|-----------------------------|---------------------------------------|
| -Principles of Speech | -Intro to OS's | -Data Structures (C++) | -Intro to Microcontrollers / Embedded |
| -Technical Writing | -Algorithms | -Intro to Computer Networks | -Intro to Databases |

EMPLOYMENT

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

Dec 2023 - Present

- Implement code into a pre-existing codebase using AWS, TypeScript, React, and JavaScript
- Collaborate with a professor and members of Boeing on a data management and storage project
- Gain experience with comprehending previously written code and completing assignments 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 other PLAs and professors to guide fellow 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 via a sit-down discussion and a guided tour of the building
- Provide comprehensive information about courses, extracurriculars, resources, and my own experience at S&T

PROJECTS

Pathways - Python and SQL - Class Project

- Planned out and implemented a Python database application using SQLite and a Tkinter graphical user interface.
- Collaborated with two other students for this group project in our Intro to Databases course.
- Learned how to interact with a database file and how Python and SQL works 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 that details distinguishing characteristics, displays career milestones, and remains updated
- Utilized the styling abilities of CSS and the fundamental aspects of HTML to create a cohesive page with differing sections

LEADERSHIP

Eta Kappa Nu Honor Society - Recording Secretary Officer

Dec 2023 - Present

- Demonstrate commitment to academic excellence and leadership as an officer of this prestigious society
- Track attendance, participation, and hours for every Eta Kappa Nu member and event, relying heavily on Excel
- Work in the Bridge committee to help the Bridge Chair write and finalize the annual Bridge Report

Association for Computing Machinery - Web Development Team Lead

Aug 2023 - Dec 2023

- Assisted in leading our student chapter of ACM through example projects, planning, and brainstorming
- Improved upon HTML, CSS, JavaScript, and React abilities via workshops, weekly meetings, and other events

Missouri S&T Honors Academy - Member

Aug 2021 - Present

- Enrolled in Honors Courses which present additional opportunities outside of the classroom

SKILLS

- | | | | | | | |
|---------|-------|-------------|----------|---------------|------------------|----------------------|
| -C++ | -CSS | -TypeScript | -React | -Git | -Excel/Sheets | -Communication |
| -Python | -HTML | -JavaScript | -VS Code | -Organization | -Time Management | -Attention to Detail |