

## Logan Markley

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

Portfolio Website: [loganmarkley.github.io](https://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
- 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          | -Problem Solving | -Communication       |
| -Python | -HTML | -JavaScript | -VS Code | -Organization | -Time Management | -Attention to Detail |