

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
-Computer Networks	-Algorithms	-Intro to Artificial Intelligence	-Intro to Deep Learning

SKILLS

Technical:	Python JavaScript C++ React HTML/CSS SQL Git Linux Docker Excel/Sheets
Soft:	Communication Collaboration Time Management Attention to Detail Responsibility Organization

EMPLOYMENT

Research Assistant:	Missouri S&T Center for Aerospace Manufacturing Technologies	Dec 2023 - Present
<ul style="list-style-type: none">Implement features such as a data graph into a codebase using JavaScript, React, and DockerCollaborate with a professor, graduate students, and members of Boeing on a data management and storage projectGain experience with comprehending previously written code and adding features in a timely manner		
Peer Learning Assistant:	Missouri S&T Learning Enhancement Across Disciplines Program	Sept 2022 - Dec 2023
<ul style="list-style-type: none">Facilitated small group tutoring and exam review sessions under the LEAD Program on campusCollaborated with around 15 other PLAs and professors to guide over 250 students through Engineering Physics IInspired 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
<ul style="list-style-type: none">Introduce prospective students to the CS Department and program via a sit-down discussion and a tour of the buildingAssist in planning and hosting webinars, open houses, and other events that the CS Department hosts		

PROJECTS

Pathways:	Python, Tkinter, and SQLite3	Course Project	Oct 2023 - Dec 2023
<ul style="list-style-type: none">Collaborated with two other students to plan and implement a Python database application using SQLite and a Tkinter GUILearned how to interact with a database file and how Python and SQL can work together to automate SQL executionsApplied concepts learned in class such as SQL while also researching technologies not taught in class such as Tkinter			
Room Planner:	Python and Pygame	Personal Project	June 2023 - Aug 2023
<ul style="list-style-type: none">Developed a blueprint-style room planner that allows for precise dimensions and furniture placement using PygameCreated all code, graphics, and designs from the ground up while developing the project in a sequential fashion			
Portfolio Website:	JavaScript, HTML, and CSS	Personal Project	Oct 2021 - Present
<ul style="list-style-type: none">Built a portfolio website from scratch that showcases projects and demonstrates coding experienceUtilized JavaScript, CSS, and HTML to create a cohesive page with differing sections and a navbar for traversal			

LEADERSHIP

Recording Secretary:	Eta Kappa Nu Honor Society	Dec 2023 - Present
<ul style="list-style-type: none">Track attendance, participation, and hours for every HKN member and event, relying heavily on Excel and SharePointWork in the Bridge committee to help the Bridge Chair write and finalize the annual Bridge Report		
Web Dev Team Lead:	Association for Computing Machinery	Aug 2023 - Dec 2023
<ul style="list-style-type: none">Assisted in leading our student chapter of ACM Web through example projects, planning, and brainstorming		

AWARDS:	Dean's List (2021-2024) Garmin Miner Merit Scholarship Honors Scholar Kummer Vanguard Scholar
ACTIVITIES:	ACM Mega Miner AI Comp. (Fall 2023) LinkedIn JavaScript Essentials Course Asian American Association Member