Logan Markley

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EDUCATION

Missouri University of Science and Technology   Expected Graduation: May 2025
B.S. Computer Science   **GPA: 4.0 / 4.0**

Relevant Coursework:

-Data Structures	-Database Systems	-Operating Systems	-Intro to AI
-Algorithms	-Computer Networks	-Embedded Systems	-Intro to Deep Learning

SKILLS

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

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

EMPLOYMENT

Research Assistant — Missouri S&T CAMT   **Dec 2023 - Present**
- Dockerize a full-stack application that uses TypeScript, React, and a PostgreSQL containerized database
- Implement features such as inputting CSV files while using Git and collaborating with other students
- Dedicate around 18 hours weekly to coding, troubleshooting, problem-solving, and planning

Student Ambassador — Missouri S&T CS Department   **April 2023 - Present**
- Lead guided tours, showcasing facilities and opportunities to prospective computer science students
- Plan and host webinars, open houses, information sessions, and other events for the department

Peer Learning Assistant — Missouri S&T LEAD Program   **Sept 2022 - Jan 2024**
- Facilitated over 75 group tutoring and exam review sessions, benefiting over 200 unique students
- Reinforced interactive learning and engagement through thoughtful dialogue and questioning

PROJECTS

Pathways
- Planned and implemented a company matchmaking Python application using SQLite3 and a Tkinter GUI
- Automated SQL executions using Python lambda functions, conditionals, events, and helper functions
- Applied class-taught concepts such as SQL alongside self-taught technologies such as Tkinter

Room Planner
- Constructed a Python application using Pygame that allows furniture placement and precise planning
- Expressed creativity with an original user interface, hand-drawn furniture images, and robust features

Portfolio Website
- Developed a professional portfolio website showcasing projects, achievements, and personalized flair

LEADERSHIP

Recording Secretary Officer — IEEE Eta Kappa Nu   **Dec 2023 - Present**
- Maintain accurate records of events, members' status, officers' hours, and meeting minutes
- Compose chapter activity reports which document the chapter's events, meetings, and activities
- Assist in hosting events such as a CS interview preparation workshop and general body meetings

Web Development Team Lead — ACM Web   **Aug 2023 - Dec 2023**

- Governed the ACM Web club alongside the Web Officer through example projects and brainstorming

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AWARDS: Dean's List | Garmin Miner Merit Scholar | Honors Academy Scholar | Kummer Vanguard Scholar

ACTIVITIES: ACM Mega Miner AI Comp. | LinkedIn JavaScript Essentials Course | Asian American Assoc. Member