

Logan Markley

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Portfolio Website: loganmarkley.github.io

EDUCATION

B.S. - Computer Science

Missouri University of Science and Technology

GPA: 4.0 / 4.0

May 2025

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 File Structures and Databases |

EMPLOYMENT

Student Ambassador - S&T Computer Science Department

April 2023 - Present

- Introduce prospective students to the CS Department via engaging sit-down discussions and a guided tour of the building
- Provide comprehensive information about courses or extracurriculars as well as addressing any topics or questions

Peer Learning Assistant - S&T LEAD Program

September 2022 - Present

- Facilitate small-group tutoring sessions under the Learning Enhancement Across Disciplines Program (LEAD) on campus
- Collaborate with other PLAs and professors to guide fellow students through Engineering Physics I
- Inspire learning not by giving out solutions but rather through asking questions in order to reinforce the material

PROJECTS

Coffee By Rosalina - HTML, CSS

September 2023

- Assembled a mock website for a coffee shop to allow ACM Web members to learn from and attempt to replicate it

Room Planner - Python

August 2023

- 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

Snake Game - Python

July 2023

- Used the Pygame library to create the classic Snake game with graphics, sounds, and keyboard input
- Learned the basics of Pygame and game development such as collisions, tile mapping, surfaces, and events

Portfolio Website - HTML, CSS, and JavaScript

October 2022

- 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 multiple sections

Slot Machine - Java

Spring 2020

- Established the foundations of quality code during impressionable high school years with a text-based slot machine

EXTRACURRICULARS

Association for Computing Machinery - Web Development

Fall 2023 - Present

- Assist in leading the ACM Web club via example projects, brainstorming, and mentoring all under the role of team lead
- Improve upon HTML, CSS, JavaScript, and React abilities via workshops, weekly meetings, and other events

IEEE - Eta Kappa Nu

Fall 2023 - Present

- Demonstrate commitment to academic excellence and leadership as a member of this prestigious society

Missouri S&T Honors Academy

Fall 2021 - Present

- Enroll in Honors Courses which present additional opportunities outside of the classroom such as research

SKILLS

-C++	-Java	-CSS	-JavaScript	-Organization	-Problem Solving	-Communication
-Python	-HTML	-Git	-VS Code	-Adaptability	-Time Management	-Attention to Detail