Logan Markley

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Portfolio Website: loganmarkley.github.io

EDUCATION

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

Relevant Coursework:

- Principles of Speech
- Intro to OS's
- Data Structures (C++)
- Theory of Computer Science
- 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 PLA's 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

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 event planning, project 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

Multirotor Robot Student Design Team   *Spring 2023*
- Produced Python code to process images into usable data via the OpenCV and NumPy libraries

Missouri S&T Honors Academy   *Fall 2021 - Present*
- Enrolled in Honors Courses which present additional opportunities outside of the classroom such as research

Missouri S&T Kummer Vanguard Scholar   *Fall 2021 - Present*
- Collaborated with other scholars in an effort to analyze and improve certain aspects of Missouri S&T such as dining options

SKILLS

- Proficiency in C++ and Python
- Experience with Java, HTML, CSS, and JavaScript
- Git
- Microsoft Excel
- Time Management
- Problem Solving
- Passion
- Adaptability
- Organization
- Attention to Detail