

ISAAC WENGLER

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Education

University of Missouri – Columbia | Columbia, MO

B.S. Computer Science

Anticipated Graduation Date: May 2023

GPA: 4.0 of 4.0

Projects

Pathfinding Algorithm Visualization

Web application built with React.js to show how various pathfinding algorithms operate

- Learned React while implementing Dijkstra's Algorithm, A* Search, and more

Sorting Algorithm Visualization

Interactive Python GUI to visualize the process and complexity of popular sorting algorithms

- Strengthened Python skills, implemented quick sort, merge sort, heap sort, and more

Portfolio Website

Responsive website to demonstrate skills and display projects, made with JS and HTML/CSS

- Improved skills in web development technologies while learning AWS hosting and Git

Skills

Java, Python, C, JavaScript, HTML/CSS, React.js, Django, AWS, Git

Data Structures, Algorithms, Communication, Teamwork, Ability to Learn

Relevant Coursework

- Algorithm Design and Programming I
- Algorithm Design and Programming II
- Object Oriented Programming
- Intro to Logic Systems

Experience

The Lodge Des Peres | Des Peres, MO

Lead Flag Football Official and Fitness Desk Attendant | 2018-2020

- Demonstrated leadership and communication by organizing fields & consulting fans

St. Louis Family Church | Chesterfield, MO

Community Outreach Volunteer | 2015-present

- Distributed donations assisting people in the city of St. Louis with the outreach team

Awards and Acknowledgements

- High Deans List
- Recipient of Mizzou Chancellors Award, Missouri Bright Flight Scholarship, Mizzou Engineering Scholarships, Johnson Controls Inc. Scholarship
- ACT test score: 34 – 99th percentile