

Jackson Morgan

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EDUCATION

The University of Missouri | Columbia, MO

B.S. in Computer Science | GPA: 3.71/4.0

May 2025

Relevant Courses: Data Structures, Web Application Development, Object Oriented Programming, Database and Information Systems, Software Engineering, Operating Systems, Neural Models and Machine Learning, Computer Networks

TECHNICAL SKILLS

Programming Skills: JavaScript, C, C#, Java, SQL, HTML/CSS, Python

Frameworks: React, Angular, Node

PROJECTS

IceMetrics | College Capstone

2024 – Present

- Designed and implemented a full-stack hockey analytics application using React, FastAPI, OpenCV, and Postgres
- Developed a user-friendly interface for uploading, processing, and visualizing hockey gameplay data.
- Implemented self-trained YOLO models to automate simple gameplay analysis, providing insights on player locations
- Collaborated with a team to design, develop, and optimize the application, ensuring seamless integration of front-end, back-end, and computer vision components.

QuestionConnect | Project

2025 – Present

- Developed a full-stack web application using the MEAN stack to enable users to create, respond to, and manage discussions.
- Implemented user authentication and authorization with JWT for secure login, registration, and password management features.
- Designed and built RESTful APIs for managing users, questions, and responses, ensuring efficient data retrieval and manipulation.

WORK EXPERIENCE

Warehouse Associate | Dungarees | Columbia, MO

August 2023 – April 2025

- Collaborated effectively in team settings to organize and store products throughout the warehouse, optimizing space and accessibility.
- Utilized inventory management systems to track and update product availability, contributing to streamlined operations and reduced discrepancies.

Pro Shop Assistant | Ruth Park Golf Course | University City, MO

May 2021 – August 2023

- Ensured pristine conditions of the golf course and pro shop, enhancing the overall guest experience.
- Delivered exceptional customer service by efficiently managing tee times, assisting with merchandise, and resolving customer issues promptly.

AWARDS

Mizzou Transfer Award I | University of Missouri

2022 – Present

Dean's List (3.5 GPA or Higher) | University of Missouri

2023 – Present

University Excellence Scholarship | Southern Illinois University

2021 – 2022