

# Jacob Thompson

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## EDUCATION

### University of Missouri - Columbia

Jan 2023 - May 2025

Bachelor of Science, Computer Science

- **GPA:** 3.5
- **Relevant Coursework:** Software Engineering, Data Structures & Algorithms, Artificial Intelligence, Database Systems, iOS & Web Development, Software Security, Object Oriented Programming, Computer Networks, Calculus III, Computational Neural Engineering

## PROJECTS

### iCare System

October 2024

- Full stack web application for Hospital Patient Management.
- .NET Framework using C#.
- Worked on a team to develop and present software.

### [Seale.world](#)

May 2024

- Daily geography quiz game using a 3D globe.
- Frontend was built using react and three.js.
- Backend was built using node and mongodb.

### TigerHacks (36 Hour Hackathon) — [Podsnip](#)

November 2023

- Won **2<sup>nd</sup> place** (out of 230 participants) in the developer category; collaborated with a team of 4 using GitHub at Mizzou.
- Led development of Chrome extension for clipping and transcribing audio from podcasts.
- Integrated Python Flask server for back-end processing audio transcription with Google Cloud Speech API

### Mizzou Data Science AI Hackathon (48 Hour Hackathon) — [CandidateGauge](#)

May 2023

- Won **3<sup>rd</sup> place** with 2 peers against 10 teams of graduate students; utilized Python and TKinter for interface design.
- Developed an Applicant Tracking System application with OpenAI's API and Huggingface to enable context-based analysis of job applicants, moving beyond traditional keyword-based filtering.

## EXPERIENCE

### Midway USA — **Logistics** (Columbia, MO)

Jan 2024 - Present

- Worked with a team to ensure product delivery.
- Focused on workplace productivity and performance metrics.

## SKILLS

C++ | Python | Java | C# | JavaScript | CI/CD | Docker | Linux | Agile | Git

## ACTIVITIES & LEADERSHIP

### Mizzou Robotics Club — Member

All Semesters (2023-Present)

### Eagle Scout

April 2019

## HONORS & AWARDS

### Mizzou College of Engineering — High Dean's List

All Semesters (2023-Present)

### Presidential Scholarship Recipient

March 2020

- Received a full scholarship based on 32 ACT score to the University of Alabama