

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 (I, II, III, IV), Database Systems, UNIX, iOS & Web Development, Software Security, Object Oriented Programming, Computer Networks, Game Development, Calculus III

PROJECTS

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 **2nd 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 **3rd 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.

UPS — Warehouse Package Handler (Northport, AL)

May 2021 – July 2022

- Efficiently sorted and processed incoming packages to meet delivery deadlines.
- Identified and resolved the issues to improve sorting efficiency.

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

INTERESTS

FPV Drones

- Built multiple First-Person Video drones and loaded firmware onto receivers using customizable software.
- Learned more about the interaction between software and hardware through trial and error.