

# ALY ABOU-ZAID

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## EDUCATION

### Southern Illinois University Edwardsville

August 2021 - May 2025

Bachelor's, Computer Science

- Dean's List (6 semesters, 2022–2025)
- Provost Scholarship Recipient
- John Martinson Honors Program Student

## PROFESSIONAL EXPERIENCE

### AvidBeam Technologies

Cairo, Egypt

Front End Software Engineer & UX Intern

July 2025 - September 2025

- Conducted UX/UI redesigns of enterprise video analytics platform components, streamlining retention, disk management, and dashboard workflows to reduce friction and improve clarity.
- Applied usability principles and design heuristics to enhance information architecture and interaction flows.
- Refactored and optimized React components for maintainability and performance, ensuring alignment with design standards.
- Integrated redesigned components into Storybook, improving documentation, testing, and reuse across the dev team.

### Southern Illinois University - Edwardsville

Edwardsville, IL, USA

SIUE Engagement Ambassador

October 2021 - March 2022

- Engaged in friendly and meaningful conversations with alumni
- Effectively communicated the university's recent achievements and programs to foster alumni support
- Actively solicited donations and contributions from alumni to support the university

### Jimmy John's

Charleston, IL, USA

Inshopper

August 2020 - May 2021

- Prepared and assembled sandwiches with efficiency and attention to detail
- Engaged with customers in a friendly and professional manner
- Collaborated with team members to ensure smooth operations during busy hours

## PROJECTS

### RabbitHole - Chrome Extension (eHacks Hackathon Winner)

[github.com/alyab0uzaid/RabbitHole](https://github.com/alyab0uzaid/RabbitHole)

Creator

- Developed a Chrome extension integrating Wikipedia for seamless knowledge exploration
- Created an intuitive knowledge map visualization enabling users to track and navigate their exploration journey
- Streamlined information discovery by maintaining context while enhancing content exploration

### PrepGuide - SAT Prep Website

PrepGuide.org

Co-Founder

- Launched a comprehensive online platform offering free SAT preparation resources, reaching 2,000+ users across 70+ countries
- Designed and implemented a user-friendly interface using Webflow.
- Built the website using Webflow CMS, structuring lessons dynamically for seamless updates

### TrackMySci - Research Tracking Platform

<https://github.com/pgoodri/Trackmysci>

Senior Project

- Designed and developed the entire front-end architecture of a full-stack research tracking platform using SvelteKit, Tailwind CSS, and Firebase.
- Led the UX/UI design process, creating a clean, accessible interface for logging, tagging, and reviewing scientific articles
- Built key features including DOI-based autofill, streak tracking, and advanced search, ensuring smooth integration with backend services
- Partnered directly with biology faculty to define requirements, run usability testing, and deliver a polished MVP tailored to real research workflows