

Aly Abou-Zaid

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Education

Southern Illinois University Edwardsville

Bachelor of Arts | Computer Science

Minor in Mass Communications

Expected May 2025

- **Student Government Senator** | Student Diversity Council
- **Publicity Chair** | Muslim Student Association
- **Treasurer** | Students for Justice in Palestine

Awards and Honors

- Dean's List [Fall 2022, Spring 2022, Fall 2023]
- Provost Scholarship Recipient
- John Martinson Honors Program Student
- eHacks 2024 Most Ambitious Project Award Recipient

Relevant Coursework

- Algorithms and Data Structures
- Object-Oriented Programming
- Computer Architecture and Design
- Database and Web System Development

Experience

SIUE Engagement Ambassador

Oct 2021 - Mar 2022

Inshopper at Jimmy John's

Aug 2020 - May 2021, Oct 2022 - May 2023

Skills

- C++
- HTML/CSS
- Python
- Adobe Illustrator
- Adobe Premier

Personal Projects

Automated Spotify Playlist Creator

- Developed a Python application using the Spotipy library and Flask to automate the creation of personalized Spotify playlists
- The application authenticates users via OAuth2, accesses their top tracks from the last four weeks, and generates a new playlist named "Last Month's Top Songs" containing their favorite tracks

File Organization GUI Application

- Developed a Python-based GUI application to organize and relocate files in a specified directory
- The application sorts files into categories based on their extensions and moves them to corresponding folders, enhancing file management and organization

Endangered Species Visualization Website

- Developed a website using HTML, CSS, JavaScript, and Leaflet.js to showcase endangered species at the Saint Louis Zoo
- Integrated a Leaflet map to highlight the location of endangered species exhibits within the zoo. Implemented interactive

Note Taking Web App

- Built a secure note-taking web app using PHP, HTML, CSS, and JavaScript
- Implemented user authentication with PHP for secure user registration and login, including password hashing for enhanced security