**EDUCATION**

**University of Missouri – Columbia**  *August 2022 – May 2026*

Bachelor of Science, Computer Science

* Relevant Coursework: Algorithm and Design (I, II, III, IV), Database Applications, Software Engineering, Calculus II, Calculus III, Discrete Math Structures, iOS App Development, Python

**EXPERIENCE**

**Missouri Department of Conservation – Systems Analyst Intern (Jefferson City, MO)**  *May 2024 – August 2024*

* Conducted data analysis, data requests, and report data integrity checks within a database of over 60,000 infrastructure assets, utilizing GIS geospatial data, construction project data, and general infrastructure data
* Created proof of concept data visualization dashboards with Tableau, SSMS, and SQL for the Infrastructure Branch
* Developed a 50+ page Tableau User Guide for introduction to the section, conducted a Tableau training session
* VUEWorks system configuration, monthly user updates, created user updates stored procedure for efficiency

**ComoRocks – Front Desk Manager (Columbia, MO)**  *August 2023 – Present*

* Uses software created for climbing gyms to provide service to customers
* Provides customer service to new and returning members, while also following adequate safety protocols

**SKILLS**

C | Python | SQL | Tableau | HTML | CSS | Swift | Git | ReactJS | ASP.NET/MVC | Flask | SSMS | MySQL | Excel/Word

**PROJECTS**

**TigerHacks (36 hour hackathon)** – <https://devpost.com/software/getchar> *November 2022*

* Won 2nd place in the beginner category; collaborated with a team of 4 at Mizzou with little programming experience
* Created a ride-sharing website/concept to help college students obtain a safe, free ride home using Flask, HTML, and CSS. Used Git and GitHub for project management purposes

**Playlist Rewind** – <https://github.com/kenziemcallister/playlist-rewind> *August 2024*

* Developed a Python-based application that integrates with Spotify to create a personalized playlist titled “Playlist Rewind.” This playlist is automatically generated after log-in, by selecting one random song from each of a user’s existing playlists, while consolidating them into the new playlist.
* Utilized Spotify’s API, Spotipy, and Flask to handle back-end development

**Chalk-Up – Climbing competition web application** *July 2024 - Present*

* Developing an application that allows gyms to host competitions with competitor login and submissions.
* Utilizing ASP.NET and MVC framework, C#, JavaScript, HTML, CSS, and SQL for development

**ACTIVITES & LEADERSHIP**

Pan Asian Mental Health Coalition – Secretary *August 2023 – May 2024*

* Lead team members in completing weekly tasks, created meeting minutes during weekly meetings, increased participation in social events and general body meetings, wrote segments in the weekly Asian American Association newsletter

Pan Asian Mental Health Coalition – Social Chair *September 2022 – May 2023*

* Planned various social events relating to mental health in the Asian American community, increasing engagement and promoting events through social media

Mizzou Computing Association – Active member *August 2022 - Present*

KCOU 88.1 FM – Active member *January 2024 – Present*