

ZAKI COLE

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Education

USC

Expected Graduation: May 2026

B.S. Computer Science and Business Admin

- **Relevant Coursework: Organizational Behavior and Leadership, Engineering Freshman Academy, Ethics Technology and Value**

Pilgrim School

June 2022

- Relevant Coursework: Data Structures, Intro to Programming, Web Design, Game Design, Introduction to Robotics 220, Introduction to Science Engineering Technology 101
- Awards/Honors: Headmasters List, Honor Roll, National Honors Society

Work Experience

Research Assistant, USC Interaction Lab (Viterbi Summer Institute)

July 2022

- Through the Jupyter Notebook IDE I used python libraries such as Pandas and NumPy to clean and parse CSV files of data containing over 150 survey responses
- Used analysis skills such as Grounded Theory, Tetrachoric Correlation, and Polychoric Correlation to gather data on relationships between the studies participants' likes/dislikes and their understanding of a displayed technology

Web Developer, Online Academia Tutoring

September 2020-December 2021

- Utilized the UI/UX software Figma to create a preliminary wireframe and mockup design for the site, then used HTML, CSS, and Javascript to develop the organization's website which was used to handle all new user signups/registration

Web Developer, USC Rossier Center for Education & Engineering

March-June 2021

- Worked alongside professor's to design preliminary UI/UX drafts and wireframes in Figma and later developed locally hosted website mockups with HTML and CSS

Leadership Experience

President, Black Alliance (Black Student Affinity Group)

September 2020- June 2022

- Led group discussions and handled event planning for up to 50+ attendees throughout the school year including Black Student Family Breakfasts, weekly group meetings, and Black History Month Celebrations
- Facilitated a supportive environment for underrepresented black students attending predominantly white institutions, and offered a place for their unique experiences to be shared/heard

Captain, Varsity Soccer

September 2017- June 2022

- Tasked with leading the team through coach specified exercises/drills and hosted specialized captains practices in which I would organize self designed practice routines

Skills

Software: C++, Python, Javascript, HTML, CSS, Bootstrap

Data Analysis: Grounded Theory, Tetrachoric Correlation, Polychoric Correlation