

Alison Zou

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EDUCATION

Vanderbilt University (Nashville, TN) | B.S. in Computer Science
Dean's List

2023 - 2027

Highland Park High School (Dallas, TX)

2019 - 2023

Rank top 3%, Capstone Diploma, Susan Candy Luterman and Jerry A. Candy Scholarship

EXPERIENCE

Zanic Lab

Jan 2024 - present

Research Assistant

- Changed the organization of web pages and redesigned the laboratory website using Figma, HTML, and CSS, demonstrating proficiency in coding, web design and development.

Google Developer Student Club

Aug 2023 - present

Executive board member

- Using FlutterFlow and connected to Google Firebase, created an app to help people with limited ability to complete relaxation and exercise activities.
- Successfully orchestrated club events to unveil Google solution challenges to solve for one or more of the United Nations' 17 Sustainable Development Goals using Google technology, demonstrating adept organizational skills.
- Organized productive work sessions for club teams, and collaborated with the treasurer to efficiently procure compliments for these events to enhance overall event experience.

VandyHacks

Oct 2023

Hacker

- Utilized Tailwind CSS and TypeScript to architect the frontend of a pharmaceutical website, allowing patients to easily access their prescription and connect with their doctor. Emphasized a user-centric approach, with a focus on user accessibility, intuitiveness and the overall user experience (UX).

Asian American Student Association

Aug 2023 - present

APIDAM Committee and Advocacy Board

- Led the strategic planning of events centered around Asian culture and identity, such as Treasures and Trivia that entailed educational booths, which showcased the diverse cultures of Asian nations, and a competitive trivia celebrating APIDA heritage.
- Conducted workshops addressing the intricacies of Asian American representation in media and tourist economy in island nations and states with hundreds of students participating.

Southwoods Camp

July 2023 - Aug 2023

Counselor

- Fostered a positive and inclusive atmosphere within the camp community through proactive communication, conflict resolution and homesickness. Implemented strategies to alleviate managerial challenges with other staff.

Bittano Boutique

Nov 2022 - May 2023

Sale Associate

- Maintained the storefront and provided exceptional customer service and a positive shopping experience for clients.

Tech and Solve (Tech Consulting Company)

Jun 2022 - Sept 2022

Business Growth Intern

- Devised strategic plan for the Latin American IT company to expand into the United States, citing potential companies and organizations they can collaborate and work with.

Highland Park High School Robotics Team

Aug 2019 - May 2023

Varsity team captain

NASA High School Aerospace Scholars

Nov 2021 - Jun 2022

Systems Engineering

RELEVANT COURSEWORKS

Multivariable Calculus, Programming and Problem Solving, MAPS Engineering and Design, Discrete Structure, Computational Genomics, Rapid Prototyping, Program Design Data Structure

SKILLS & INTERESTS

Skills: Proficiency in Python and Java, Fusion 360, Illustrator and Canva, native fluency in Mandarin
Interests: Painting, biotechnology, FC Bayern Munich, skiing, paddleboarding, food