Karina Li

karinali@stanford.edu ● (562) 506-8212 ● karinakli1023.com

EDUCATION

Stanford University | Stanford, CA

B.S. in Computer Science, Expected: June 2025

Cumulative GPA: 3.61

Relevant Coursework: Programming Methodologies, Data Structures and Algorithms, Computer Organizations and Systems, Introduction to Electrical Engineering, Economics 1

SKILLS & TECHNICAL TOOLS

Programming Languages: Python, React Native, ReactJS, JavaScript, Java, C++, C

EXPERIENCE & ACTIVITIES

App Development Intern, Data Analyst | Rooster

Rooster is a location-based mobile app for searching and booking a broad range of children's extracurricular activities.

2022 - Present

- Implemented the React library in JavaScript to develop and troubleshoot a subscription service in the Rooster mobile application.
- Redesign the UI/UX of the home page to clarify functional flows using Figma and improve user experience.
- Involved with all phases of mobile app development from initial concept to design, development, testing, and deployment.
- Utilized a Google robot to scout summer camps throughout Santa Clara county for data input and analysis.

Fellow | Stanford Women in Computer Science

2021 - 2022

- Joined a year-long program to hone technical skills beyond the classroom.
- Participated in workshops with various industry leaders and Stanford alumni to develop professional and leadership skills.
- Collaborated with fellow members to create a mobile app in React Native for an end-of-quarter showcase.

Senior Advisor, Co-Founder | Coding Power

2019 - Present

- Co-Founded Coding Power, a non-profit organization aimed at teaching the basics of coding to more than 500 kids nationwide.
- Designed and maintained the Coding Power website (2019-2021): https://codingpower.org/
- Organized and supervised Coding Power teaching and administrative activities, including 8 year-round programs in schools and libraries.
- Led the organization to support minority coding groups via Amazon's Smile program.
- Accumulated more than 4000 community volunteer hours as a President's Volunteer Service Awards Certifying Organization.

Publicity Chair, Member | Stanford Legacy Dance & Stanford Alliance Dance

Both Alliance and Legacy are student-run hip hop performance dance teams

2021 - Present

- Performed at school-wide dance showcases once every Autumn, Winter, and Spring quarter.
- Updated all club social media accounts with graphics and flyers for upcoming team events, auditions, and performances.

PROGRAMMING PROJECTS

Heap Allocator | *C*

- Implemented an implicit and explicit heap allocator to manage the heap by servicing requests such as malloc, realloc, and free.
- Designed and optimized the heap to improve performance by balancing tradeoffs between speed, accuracy, and utilization of memory.

Popcorn Movie App | *React Native*

- Developed an informational mobile app that displays movies currently playing in theaters.
- Utilized The Movie Database API to update the Popcorn app with new movie titles.

AWARDS & CERTIFICATES

CompTIA Security+ Certification

Cyber Security Certificate, Cypress College, 2019

National Center for Women & Information Technology Award for Aspirations in Computing, 2021

Coca-Cola Scholarship Semi-finalist, 2021