Rafael Mojica

github.com/rafmojica | rafamojica.com | linkedin.com/in/rafa-mojica | rafamojica@berkeley.edu

EDUCATION

University of California, Berkeley — August 2025 - Present
Electrical Engineering & Computer Science

Diablo Valley College — January 2023 - May 2025
Community College

TECHNICAL SKILLS

Languages: JavaScript/TypeScript, HTML/CSS, C++

Developer Tools: Git, VS Code, IntelliJ CLion, Figma, WordPress, Webflow

Frameworks: Next.js, React, Tailwind

Backend: Firebase, Express, Node.js

WORK EXPERIENCE

Math, Engineering, Science, Achievement (MESA) | *STEM Tutor* — August 2024 - May 2025
- Assisted first-generation college students with specialized tutoring in computer science, math, and physics coursework both online and in-person.
- Fostered a supportive and encouraging learning environment, guiding students toward achieving their academic goals and cultivating a strong foundation for future mathematical endeavors.

Mathnasium | *Mathematics Tutor* — September 2023 - August 2024
- Designed and delivered personalized tutoring sessions in mathematics to students across grades 1-12, adapting instructional methods to fit each students' needs and learning preferences.
- Offered specialized support for mathematics homework, ensuring students comprehended concepts and successfully completed assignments.

LEADERSHIP EXPERIENCE

President | *Project Bracket* — August 2024 – July 2025
- Led a dynamic Computer Science club dedicated to empowering students to build impactful projects and enhance their resumes.
- Organized workshops, activities, and project showcases to foster collaboration and innovation.
- Guided members in developing technical and soft skills, including teamwork, leadership, and problem-solving.
- Oversaw project development timelines, mentored teams, and ensured successful project completion.

Vice President of Software Engineering | *Google Developer Student Club* — August 2023 – May 2024
- Organized and led workshops on cutting-edge technologies and software development practices to empower members with hands-on experience.
- Directed the development of innovative projects, fostering collaboration and skill-building among club members.
- Mentored members in software engineering principles, project management, and teamwork, ensuring high-quality project outcomes.

Project Manager | *Google Developer Student Club* — September – November 2023
- Lead developer of DVC Freedom Wall website, a dynamic online space for student expression and community
- Utilized Next.js and Tailwind best practices with mobile responsiveness
- Utilized backend cloud computing services like Firebase for storing users' posts.

Webmaster | *Alpha Gamma Sigma Honor Society* — August – December 2023
- Managed and maintained the club's website, ensuring timely updates of content, incorporation of new photos, and revision of informational sections keeping the site up-to-date.
- Executed a comprehensive website redesign, modernizing the visual aesthetic through strategic updates to color schemes, imagery, banners, and other design elements to enhance user experience and site appeal.