

# Abhay Bajaj

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## EDUCATION

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### San Francisco State University

San Francisco, California

B.S. in Computer Science

Expected Graduation: December 2026

- **Concentration:** Artificial Intelligence
- **Related Coursework:** Data Structures & Algorithms, Machine Learning, Artificial Intelligence, Object-Oriented Programming, Operating Systems, Compilers, Java, C++, Linux, Github

### Las Positas College

Livermore, California

Associate of Arts Degree with Transfer to CSU

Graduated: May 2024

- **Major:** Computer Science
- **Related Coursework:** Data Structures & Algorithms, Machine Learning, Artificial Intelligence, Object-Oriented Programming

## EXPERIENCE

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### Reality AI Lab

San Francisco, California

Individual Contributor

February 2025 – August 2025

- Develop full-stack solutions for Marvel AI, leveraging technologies such as ReactJS, Next.js, Node.js, and Firebase to enhance product functionality and user experience
- Specialize in Python-based AI development, utilizing advanced tools like LangChain, LlamaIndex, OpenAI APIs, Redis, and Google Cloud Run to drive innovative solutions
- Design user-centered interfaces for Marvel AI applications, employing Figma and FigJam to create intuitive and visually appealing user experiences

### RRooar Coding and Robotics Academy

Mountain House, California

STEM Instructor

May 2024 – August 2024

- Facilitated robotics and LEGO building workshops for children aged 6-12, enhancing their interest and skills in technology
- Developed and implemented interactive coding and robotics curricula to foster a fun and engaging learning environment
- Cultivated strong communication and instructional skills through daily interactions with young learners

## PROJECTS

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### Basketball World App

Swift, Xcode

- Developing an interactive iOS application that provides comprehensive NBA-related data and features a trivia game to engage users
- Leveraging Swift and Xcode to create a user-friendly interface, ensuring seamless navigation and optimal performance
- Implementing API integrations to fetch real-time statistics and historical data, enhancing the app's informational value to NBA fans

### Personal Portfolio

HTML, JavaScript, CSS

- Currently designing and developing a personal website to showcase my professional background, projects, and skills
- Built and deployed a responsive personal portfolio website using HTML, CSS, and JavaScript to showcase professional projects and technical experience
- Implementing interactive elements and animations to engage visitors, with the aim of effectively communicating my expertise and career achievements

## ACTIVITIES AND LEADERSHIP

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### Sant Nirankari Mission

Tracy, California

Youth Leader

November 2019 – Current

- Actively participated in community service initiatives, contributing to various outreach programs that improved local welfare and supported underprivileged communities
- Engaged in organizing and executing mission-driven events, enhancing community involvement and promoting the mission's values
- Collaborated with other volunteers to deliver educational programs and workshops, fostering spiritual growth and cultural understanding among community members

### Future Business Leaders of America - Las Positas College

Livermore, California

FBLA Member

Aug 2023 – May 2024

- Participated in FBLA programs and competitions, enhancing business acumen through hands-on projects and strategic planning
- Collaborated with peers to develop business plans and strategies, gaining practical entrepreneurship and marketing experience
- Attended professional workshops and seminars, deepening knowledge of current business trends and practices

## SKILLS

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**Languages:** Python, JavaScript/TypeScript, Java, C++, Swift, HTML/CSS

**Frameworks & Tools:** ReactJS, Node.js, Firebase, Google Cloud Run, Redis, LangChain, LlamaIndex, OpenAI APIs

**Other:** GitHub, Figma, FigJam, Linux, Xcode

**Soft Skills:** Problem-solving, communication, team collaboration, time management, adaptability