

Marco Lee

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EDUCATION

San Francisco State University

Bachelor of Science in Computer Science

San Francisco, CA

May 2026

- Relevant Courses: Data Structures, Algorithms, Web Software, Statistical Computing, Operating System Principles, Analysis of Algorithms, Software Engineering, Database Systems

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Java, C++, MIPS

Frameworks & Libraries: React.js, Next.js, Node.js, Tailwind CSS, Firebase

Tools & Platforms: AWS (Amplify, Bedrock, AI Services), Git, Figma

EXPERIENCE

Amazon AI Fellow

Cal Poly DxHub/ AWS

San Luis Obispo, CA

July 2025 – August 2025

- Engineered and deployed two AI solutions on AWS Bedrock serving 50,000+ CSU students and staff, improving accessibility and reducing manual support overhead.
- Designed Streamlit frontends enabling real-time AI-powered interactions, reducing support friction for staff.
- Applied ML models via AWS AI Services to automate workflows, boosting responsiveness and decision-making across departments.

Web Development Intern

Eazifunds

San Francisco, CA

September 2024 – April 2025

- Built reusable React components and integrated them with Node.js backend services, improving frontend scalability and maintainability.
- Collaborated with design and backend teams to accelerate feature delivery and improve UI consistency.

Web Development Intern

Popper

San Francisco, CA

September 2024 – January 2025

- Strengthened Firebase security by refining database rules and streamlined API handling, improving client-side reliability and reducing developer overhead.
- Expanded a React + Tailwind CSS component library, enabling a 10-person engineering team to accelerate development speed.

Computer Science Tutor Assistant

City College of San Francisco

San Francisco, CA

August 2023 – May 2024

- Created interactive Python labs with algorithm visualizations, improving understanding of core data structures for 100+ students.
- Guided students through debugging challenges, leading to greater confidence, critical thinking, and higher success rates in core CS courses.

PROJECTS

ManageHealthcare | *React*

- Researched hospital communication breakdowns and integrated features that reduced delays in patient care handoffs.
- Built a real-time healthcare communication system with tools for messaging, documentation, and coordination, improving collaboration between doctors, nurses, and administrators.

AI Chatbot for School Navigation | *Python, AWS AI Services, Streamlit*

- Conducted user research with students and staff, ensuring accessibility and usability for diverse user groups.
- Developed an AI chatbot with web scraping + AWS Bedrock, providing context-aware campus navigation for 50,000+ students and staff.

Audit Document Summarizer Notifier | *Python, AWS AI Services, Streamlit*

- Partnered with compliance officers to identify bottlenecks in auditing workflows.
- Built a real-time audit support tool that automated document summarization and notifications, increasing review efficiency for compliance officers.