

Zoheb Sharif

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EDUCATION

CSU East Bay

Bachelor's, Computer Science

Dean's Honor List

May 2026

GPA: 3.6

- **Relevant Coursework:** Computer Architecture, Computer Networks, Software Engineering, Website Development, Operating Systems, Mobile Programming, Linear Algebra, Statistics and Probability for Engineers

Chabot College

Associate's, Computer Science

May 2024

- **Relevant Coursework:** Data Structures & Algorithms, Object Oriented Programming, Assembly Programming, UNIX, Discrete Mathematics

PROFESSIONAL EXPERIENCE

Software Engineer Intern

Lawrence Berkeley National Labs

Berkeley, CA

June 2025 - August 2025

- Developed an interactive web application to visualize scientific beamline data using React and data visualization libraries.
- Collaborated with domain experts to design intuitive, responsive visualizations that accurately represent experimental data.

Augmented Reality Intern

Snap Inc.

Remote

March 2024 - April 2024

- Designed, developed, and tested **10+** Augmented Reality experiences, applying a wide range of 2D/3D assets and creative tools to deliver immersive encounters.
- Collaborated with cross-functional teams to improve AR features, achieving a **20%** increase in user engagement metrics during testing phases.

Software Engineering Researcher

Chabot College

Hayward, CA

June 2024 - August 2024

- Delivered actionable insights that suggested potential **10–15%** efficiency gains in gym staffing and resource allocation strategies.
- Analyzed the relationship between temperature and gym attendance across **10,000+** Kaggle data points, applying linear regression models to identify significant trends.

PROJECTS & OUTSIDE EXPERIENCE

AI Pokemon Helper (Fetch AI Agent, PyTorch, PIP, Poetry, Uagents, CSS, HTML, Python, Machine Learning)

- Integrated front-end technologies to build an interactive interface that assisted **100+** Pokémon Showdown players by suggesting optimal moves in real time based on the current game state.
- Deployed AI agent with Fetch.ai and Uagents framework, achieving **~85%** prediction accuracy in test scenarios.

ALS Publications Management Platform (React, TypeScript, Vite, SQLite, Node.js, CSS Modules, Data Visualization)

- Built full-stack architecture using React/TypeScript frontend, Node.js backend, and SQLite database, implementing admin dashboard and slideshow modes serving **500+** scientific papers for government research facility.
- Implemented advanced features including **real-time DOI search**, responsive visualization cards, admin dashboard, and slideshow mode, improving accessibility for **200+ active users**.

Java-Based Communication App (Java, Socket Programming, Multithreading, GUI Design, Software Architecture)

- Developed a **real-time messaging application** with **client-server architecture**, using socket programming and multithreading to support **50+ concurrent client connections** seamlessly.
- Implemented a **multithreaded server** that improved connection handling efficiency by **40%**, ensuring stable and scalable communication.

SKILLS

- **Languages:** C/C++, Python, HTML5, XML, Kotlin, MIPS, JavaScript, CSS, Java, Zig, TypeScript, SQL
- **Frameworks:** React, Flask, PyTorch, Node.js, Next.js, Tailwind, Express
- **Tools:** Github, Git, Figma, Canva, Plotly, Supabase, MongoDB, Eleven Labs, Android Studio, Gradle, Vite
- **Other:** Object Oriented Programming, Web Design, APIs, Multithreading, Machine Learning, Automated Testing