

# Joshua Lopez

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🔗 <https://github.com/Joshua111>

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## EDUCATION

### Computer Science

California State University, Fullerton • Fullerton, CA • 2026  
• Bachelor of Science (B.S.) Expected May 2026

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## SKILLS

Languages: C++, Python, Javascript, HTML  
Backend: FastAPI, Firebase, Supabase,  
Frontend / Mobile: React, Svelte, Flutter, Flutterflow, JSX

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## EXPERIENCE

### Co-Founder & Project Lead

#### Divine Messenger

August 2023 – Present, Union City, California

- Contracted by a funeral home transportation service to develop a digital solution for revolutionizing their operational workflow and database management.
- Created the design and implementation of a user-centric interface, database architecture, and advanced functionalities, aligning with the industry's practices, using Flutter.
- Demonstrated leadership in project management, overseeing the project deployment, and ensuring adherence to timelines, quality standards, and client expectations.

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## PROJECTS

### Portfolio

November 2023 – Present

- Employed a robust toolkit comprising of JavaScript, JSX, and HTML, integrated with the React framework, to engineer dynamic and engaging user interfaces that elevate the user experience.
- Applied CSS, Framer Motion, and React Awesome Reveal to design stunning, responsive layouts, infusing the user interface with visually compelling animations and seamless interactivity.

### Personal Finance-Tracker

December 2023 – February 2024

- Developed a Python-based personal finance tracker to facilitate efficient management of personal finances through a console-based application, enabling users to record, categorize, and summarize their income and expenses for better financial planning and management.
- Implemented features for comprehensive financial tracking, including easy recording of income and expenses with categorization capabilities and financial summaries to provide clear insights into users' financial health over time.
- Utilized Python's standard libraries and CSV file handling for data storage, ensuring easy data management and retrieval without the need for external libraries.

### Movie Recommendation Website

February 2024 – February 2024

- Developed a visually captivating movie recommendation app using SvelteKit for the FullyHacks Hackathon at Cal State University Fullerton, focusing on a neon-themed, user-friendly interface to enhance the movie discovery experience.
- Implemented features such as real-time movie search by title, genre-based discovery through dynamic tabs, and a responsive design optimized for all device sizes using HTML, JavaScript, TypeScript, Bootstrap, and CSS.
- Integrated movie database from (TMDB) API to ensure up-to-date movie selections.

### Rover Project

October 2022 – February 2023

- As the project lead, I orchestrated the creation of cutting-edge foundational code that significantly advanced the rover's locomotion capabilities.
  - Excelled at fine-tuning the rover's movement by implementing advanced motor and controller techniques using Vex Robotics, ensuring it moves exactly as intended.
  - Collaborated with a diverse team of engineering majors, leveraging our collective strengths to drive the project to successful completion.
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