

Juan Linares

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

EDUCATION

California State University, Fullerton

Bachelor of Science in Computer Science

Expected Graduation: December 2026

Major GPA 3.73

Relevant Coursework: Data Structures & Algorithms, Fundamentals of Software Engineering, Frontend Development and Object Oriented Programming

TECHNICAL SKILLS

- **Languages:** Python, TypeScript, CSS, HTML, Flask, Tailwind CSS, Reactjs, Nodejs
- **Database Systems:** SQLAlchemy, SQLite, Postgresql, MySQL
- **Operating Systems:** Windows, Linux
- **Software Knowledge:** Debugging, Sprints, Agile Software Design, Git

PROJECTS

Movie Nights

June 2025 - Present

- Created a web application that will allow users to create groups that will help organize movie nights. The website will allow people of the same group to nominate movies, vote for their top choice and list snacks that they would like to bring
- Implemented a Flask backend with Python that connects to a Postgresql database using SQLAlchemy. I connected my Flask backend with a Reactjs frontend styled with Tailwind CSS and written in TypeScript
- The goal is to manage user queries using a combination of a Postgresql database, a third party API and a cached using Redis

Flask Real-Time Chatroom

May 2025 - June 2025

- Developed a real-time chat application that allowed users to receive incoming texts from other users in the same chat room as theirs, without the need to refresh their pages.
- Implemented a Flask backend with websockets so that the server can send the chats to the users as the server received them
- Managed server-side state to track active rooms, members, and message history

Community Garden Website

January 2025 - May 2025

- Led a cross-functional team of 3 to develop a full-stack web application using HTML, CSS, Javascript and Python/Flask for managing community gardens, allowing users to register, volunteer, and donate
- Maintained strong communication to delegate different tasks to each member of the team using an agile software development design and implemented sprints to streamline development
- Implemented user authentication and authorization to secure access to user profiles and garden management. Designed a database schema to manage users, gardens, and volunteer relationships. Integrated geolocation services using the Geopy library to map garden locations

WORK EXPERIENCE

Medical Biller, Quality Health Partners | Santa Ana, CA

May 2023 - January 2025

- Collaborated with IT department to implement software updates and troubleshoot technical issues in billing systems
- Automated data validation processes using Excel macros and formulas written in TypeScript, reducing claim processing errors by 30% and increasing workflow efficiency
- Maintained data integrity across multiple systems while ensuring HIPAA compliance and security best practices

EXTRACURRICULAR ACTIVITIES

Scholar, STEM Advantage | Fullerton, CA

June 2025 - Present

- Participated in professional development workshops and industry career panels
- Cultivated mentorship relationship with a STEM industry professional with biweekly touch-base