

Jared Velasquez

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Summary

College student completing a B.S. in Computer Science and Engineering at the University of California, Los Angeles. Proficient in multiple programming languages and frameworks. Passionate about software engineering and full-stack web development.

Education

University of California, Los Angeles

Bachelor of Science, Computer Science and Engineering

Expected June 2025

Los Angeles, CA

- ❖ Cumulative GPA: 3.917
- ❖ Relevant Coursework: Object-Oriented Software Development, Data Structures and Algorithms, Digital Systems Design, Software Construction, Calculus of Several Variables, Linear Algebra, Operating Systems
- ❖ Organizations: Pilipinos in Engineering and Science, Association for Computing Machinery, Upsilon Pi Epsilon

Heritage High School

High School Diploma

September 2017 to June 2021

Brentwood, CA

- ❖ Weighted GPA: 4.47

Technical Skills

- ❖ Java, C++, C, Python, Bash, HTML, CSS, Sass, TailwindCSS, JavaScript, Angular, React, React Native, Node.js, Express.js, Spring Boot.
- ❖ Knowledgeable in Object-Oriented Programming, Algorithm Analysis, Databases, REST API.
- ❖ Git, GitHub, Firebase Services, Firebase Admin SDK, MongoDB, MySQL, Hibernate, Microsoft Azure, XCode and Visual Studio Code IDEs, Emacs, Expo, and Postman.

Experience

UCLA eHealth Research Lab

July 2023 to January 2024

Undergraduate Software Developer

- ❖ Developed views and components for Camradia, an ongoing mental health research project designed to promote physical fitness and mental wellbeing. Application built with React and Firebase Services.
- ❖ Built and improved upon major features such as file uploading, health data visualizations, and responsive real-time message interfaces. Utilized optimization strategies for fewer database queries.
- ❖ Advised and headed the migration of database querying and interaction from client-side to cloud functions for more secure authorization and input sanitization.

UCLA Information Technology Services

September 2022 to Present

Assistant Customer Support Analyst

- ❖ Resolved issues in digital infrastructure to provide an enhanced technological experience for the students, faculty members, administrative staff, and other affiliated clients of UCLA.
- ❖ Troubleshoot issues in access and authentication, email clients, VPN clients, login systems, cloud services, and Windows/Macintosh operating systems.
- ❖ Provided high-quality client support by employing interpersonal skills with teammates and clients. Cooperated in the ease of operation of UCLA services to maintain customer satisfaction.
- ❖ Successfully resolved vast majority of client issues. Thoroughly documented processes and resolutions.

Projects

Edify

July 2023 to September 2023

- ❖ Implemented a single-page web application for a learning management system that facilitates interaction between students, teachers, and courses. Project built with Angular and Spring Boot.
- ❖ Developed REST API to send and read data for student management with Java Spring Boot, Hibernate, Azure Database for MySQL, and Azure Web Apps. Secured back-end with Spring Security and JWT.

Buzz

October 2022 to December 2022

- ❖ Constructed a user-friendly web application that centralizes information about organizations and events on UCLA campus. Project implemented with Firebase, Express, React, and Node.js.
- ❖ Collaborated with fellow teammates and facilitated the development of application's back-end REST API.
- ❖ Directed integration of front-end site with back-end server endpoints to upload and query data from Firestore. Implemented time-based one-time QR code generation through an HMAC-SHA1 algorithm.