

# GAVIN AGUINAGA

Santa Cruz, CA

☎ 818-900-3942 ✉ [gavin.aguinaga@yahoo.com](mailto:gavin.aguinaga@yahoo.com) [in linkedin.com/in/gavinleone1](https://www.linkedin.com/in/gavinleone1) [github.com/gavinbytes](https://github.com/gavinbytes)

**Summary:** Computer Science graduate with experience in full-stack web development, project management, and tutoring. Proficient in various programming languages and frameworks, with a strong focus on teamwork, leadership, and problem-solving.

## Education

### University of California, Santa Cruz

*Bachelor of Science in Computer Science - 3.24 GPA*

**September 2020 – June 2022**

*Santa Cruz, CA*

### Los Angeles Mission College

*Associate of Science Degree in Computer Science - 3.5 GPA*

**February 2018 – June 2020**

*Los Angeles, CA*

## Relevant Coursework

- Data Structures
- Algorithms Analysis
- Web Development
- Computer Architecture
- Project Management
- Parallel Programming
- Machine Learning
- Public Speaking

## Projects

### Slack Web Application | *React, Express, Node.js, PostgreSQL, Material UI, OpenAPI*

**July 2021**

- Collaborated with a partner to design, develop, and test a full-stack mobile web application inspired by Slack.
- Utilized React and Material-UI to create a dynamic, responsive, and user-friendly interface with reusable components.
- Developed a RESTful API using Express and Node.js for efficient data retrieval from a PostgreSQL database.

### Medicine Tracker | *React, Express, Node.js, MongoDB, Material UI, OpenAPI*

**October 2021**

- Led a team of 5 in creating a web application that helps users manage their daily medications through a personalized planner and in-app reminders.
- Served as SCRUM Master, managing project progress through SCRUM boards, regular meetings, and motivating team members.
- Implemented Google's API for secure user authentication using Google Sign-in and OAuth2.0.

## Experience

### Math Tutor

**August 2019 – June 2022**

*Los Angeles Mission College, Learning Resource Center*

*Los Angeles, CA/Online*

- Tutored high school and college students in mathematics, both in-person and online.
- Played a key role in transitioning the Math Center from on-campus to online, ensuring a seamless experience for students.
- Organized and conducted group tutoring sessions using Canvas and Zoom platforms.
- Collaborated with colleagues to coordinate student resources and schedules effectively.

### Software Engineering Intern (Product Owner)

**January 2022 – June 2022**

*IDEASS Lab at UCSC (MyPantry)*

*Santa Cruz, CA/Online*

- Contributed to the development of a full-stack web application that informs UCSC students about local food pantries and their offerings.
- As Product Owner, led weekly meetings and managed 2-week sprints to achieve high-level goals and meet user requirements.
- Spearheaded the effort to refactor the inherited codebase, enhancing code readability and redesigning the user interface.

## Technical Skills

**Programming Languages:** C, C++, Python, HTML/CSS, JavaScript, SQL

**Developer Tools:** VS Code, CLion, Atom, XCode

**Technologies/Frameworks:** Git, Linux, React, Node.js, Express.js, PostgreSQL, MongoDB, Docker

**Soft Skills:** Leadership, Teamwork, Problem-solving, Time Management, Communication

## Leadership / Extracurricular

### Tau Kappa Epsilon - Upsilon Pi Chapter

**Spring 2021 – Spring 2022**

*Executive Officer - Historian*

*University of California, Santa Cruz*

- Organized and executed 4 large-scale events with 300+ attendees within 1 school year, including managing entertainment, security, budgeting, and task delegation.
- Managed the UCSC TKE Instagram page, increasing the follower count by 20% within a month through engaging content and strategic posting.
- Documented and archived digital records of events, maintaining an organized Google Drive repository for easy access and future reference.