

# Gerardo Garcia

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*A dedicated and result-oriented recent Software Engineer graduate looking for an entry-level job position in a dynamic firm that will help me contribute my analytical and technical skills in coding and software design to its development while concurrently aiding my personal growth.*

## Skills

**Languages:** Java, JavaScript, C++, Python, MySQL

**Frameworks:** React, Redux, MongoDB, Springboot, Docker

**Cloud:** Amazon Web Services, Heroku

## Education

**Bachelor of Science in Software Engineering** | San Jose State University, San Jose, CA

May 2021

**Coursework:** Intro Database Management Systems, Enterprise Software, Wireless Mobile SE, Data Structures & Algorithms, Object Oriented Design, Software Engineering I/II

## Projects

### Wall Street Market Research

September 2020–May 2021

- Collaborated with the project team to design a user interface that was intuitive, responsive, and easy to use
- Refactored existing components that lowered the loading time of the interactive graphs by 30%
- Built a fully functional search component by connecting the application to an API to fetch financial data using React, improving the search time by 15%
- Interacted with a project team member and developed an analysis component that provided insights of companies daily financial data, and integrated the component to improve functionality and achieve early completion of the project by 14 days

### Gym Membership Subscription

September 2020–December 2020

- Architected, implemented, and maintained services that connected the client and server-side for a highly scalable, multi-tenant web application using React, JSP, and the MySQL database
- Deployed the project on AWS Elastic Beanstalk with high availability and scalability, allowing for rapid integration with existing systems
- Developed a REST API using Springboot that achieved an outstanding response time, which was used by other engineers to communicate with the server

### Spartan Recipes

January 2020–May 2020

- Revised a series of test cases to ensure they cover 90% of the functionality and have a 98% pass rate
- Restructured a new user registration system using Node.js and PostgreSQL that decreased time to register by 10%, and reduced registration error rates by 20%
- Built a filtered search component using Javascript and React that retrieved and displayed data from a food database API, increasing efficiency and reducing errors

## Additional Experience

### Assistant Behavior Analyst

August 2016–Present

Alum Rock Union School District, San Jose, CA

- Confer with parents, teachers, counselors, or administrators to apply special educational strategies to resolve students' behavioral problems
- Conduct structured teaching in a school environment and implement changes made to a student's program
- Record data daily and present information about the student's progress to the clinical team