

Giancarlo Garcia Deleon

Phone Number: (209)-338-4911 | Email: ggian0205@aol.com

GitHub: <https://github.com/ggiande> | LinkedIn: <https://www.linkedin.com/in/giancarlo-garcia/>

EDUCATION

California State University, Stanislaus
Bachelor of Science in Computer Science
Cumulative GPA: 3.89/4.0 Scale

Turlock, CA
Expected Graduation: May 2022

LANGUAGES AND TECHNOLOGIES

- **Languages:** Java, Python, JavaScript, HTML, CSS, C++, R, PHP
- **Technologies:** React, PostgreSQL, MySQL, Git, Android Studios, GCP, Amazon Web Services

TECHNICAL EXPERIENCE

JPMorgan Chase & Co
Software Engineer Intern

San Francisco, CA
June 2020 – August 2020

- Architected and built a real-time web application for the Tech for Social Good team, which allowed a non-profit organization to interact with students in room sessions that simulated a virtual classroom environment
- Wrote reusable UI components in React that were responsive in multiple screen sizes and updated in real time
- Leveraged a WebSocket engine implemented with a Python Flask backend that maintained a synchronous state between multiple clients, enabling room sessions to have a central state
- Designed and implemented RESTful API endpoints in Python Flask with a Model-View-Controller architecture
- Authenticated users through HTTPS and stored user data in a PostgreSQL database for persistence

California State University, Stanislaus
Research Assistant

Turlock, CA
September 2018 – May 2020

- Implemented Big Data visualization systems with Apache Spark servers to retrieve reactive data for R Shiny
- Displayed query results on a responsive web UI with filters that enabled for streamlined analysis

University of California, Merced
Research Intern

Merced, CA
June 2019 – August 2019

- Programmed a simulation in C++ that investigated adaptive mutations, resulting in effective models for the lab
- Presented summer research at the 13th UROC Annual Summer Research Symposium, with over 100+ attendees

Twitter

San Francisco, CA
May 2019

#EarlyBird Participant

- One of thirty-five attendees selected out of 1200+ applicants to attend a five-day interactive program at Twitter
- Worked on a group project that created a RESTful backend server with exposed API endpoints to allow for a reverse-engineered Twitter frontend to communicate with HTTP requests and JSON
- Collaborated and participated in technical workshops with senior leaders to pitch, design, and implement a proof-of-concept feature on Twitter's platform

SOFTWARE PROJECTS

- **Twitter Clone:** Developed a full-stack web application that displayed user tweets and implemented highlights feature that showcased tweets based on interactions. JavaScript, HTML, CSS, JSON, Node.js
- **Anagram Word Android App:** Created an Android anagram game that communicated with a dictionary database via HTTP protocols. Java, Android
- **Resource Chat Bot:** Built a discord chat bot that parsed command inputs from the user to allow them to search for job listings and student tech resources. JavaScript, Slack API, Discord API, Node.js, MySQL

HONORS AND AWARDS

- **Most Creative at StanHacks 2:** Awarded Most Creative for Anagram Word Android App, out of 220 participants
- **3rd Place at Twitter #EarlyBird19:** Awarded 3rd place for building a proof-of-concept Twitter feature in JavaScript
- **Best Discord Bot at Intern Grind Hackathon:** Awarded Best Discord Bot for Resource Chat Bot, out of 20 projects
- **S-STEM Scholar:** Received a \$30,000+ scholarship from the National Science Foundation for Computer Science