

Christian Figueroa

Computer Science
Student at Stanford

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education

Stanford University

June 2023
GPA: 3.54 on a 4.0 scale
Intended B.S. in Computer Science

Relevant Coursework:

- Human Computer Interaction
- Design & Analysis of Algorithms
- Operating System Principles
- Structure & Reactivity of Organic Molecules
- Representations & Algorithms for Computational Molecular Biology
- Computer Organization & Systems
- Multivariable Calculus

Wasco Union High School

May 2019
GPA: 4.24 on a 4.0 scale

special projects

Collide

Proximity-Based Social Networking App
January 2022 – June 2022

- Helped design, implement, and debug an intuitive UI for mobile devices.
- Used React Native and Firebase services for implementing both frontend and backend.
- Worked collaboratively with a team of four to rapidly prototype and present results.

FontTeX

HTML Mathematics Renderer Using LaTeX
December 2017 – July 2021

- Created JavaScript algorithm to read and parse a string of LaTeX code and render HTML using the font style of the user's choice.
- Studied TeX documentation extensively to ensure accuracy of parsing algorithm.

skills

- Full-Stack Web Development
- JavaScript & TypeScript
- React & React Native

work experience

Lyft – Frontend Software Engineer Intern

June 2022 – September 2022
San Francisco, CA

- Completely redesigned the code structure for a large, dynamic web form intended for insurance agents to modify insurance claims.
- Implemented a custom tree-like data structure that combined the entire UI code structure into one central location to allow for quicker and easier improvements to the form on the developer's part.
- Improved keystroke response time by over 88% (from a 335 ms delay to just 40 ms).
- Worked collaboratively on a team with full-time employees to get acquainted with the team's and company's workflow.

Stanford Student Technology – Tech Specialist Team Lead

August 2020 – June 2022
Stanford, CA

- Led one of four team in the program by leading regular team meetings, attending meetings with other team leads to facilitate communication, and teaching newer team members how to perform their job effectively.
- Interfaced with customers over the phone and Zoom to assist with a variety of technology-related issues pertaining to both hardware and software.
- Used Stanford's databases and administrative tools to find issues with users' network registrations and connectivity.

Starbucks – Barista

January 2020 – May 2020 (*affected by COVID-19 pandemic*)
Stanford, CA

- Maintained supply levels in counter and customer areas to meet typical demands.
- Prevented infections and maintained store professionalism by cleaning and sanitizing work areas often.
- Controlled line and crowd with quick, efficient service.

Taco Bell – Food Preparation Worker

February 2019 – September 2019
Wasco, CA

- Cleaned and sanitized work areas, equipment, utensils, and dishes.
- Prepared a variety of foods, such as meats, vegetables, desserts, according to customers' orders or supervisors' instructions, following approved procedures.
- Carried food supplies, equipment, and utensils to and from storage and work areas.

UC Santa Barbara – Research Intern

June 2018 – August 2018
Santa Barbara, CA

- Interned under Dr. Adele Doyle at the UCSB Neuroscience Research Institute.
- Helped develop and code a computational model to predict the development of neural progenitor cells using MATLAB.

- Firebase & Google Cloud
- Python
- C++

- Figma
- Adobe Illustrator
- Adobe Photoshop