Christian Figueroa

Biomedical Computation Student at Stanford

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education

Stanford University

June 2023
GPA: 3.52 on a 4.0 scale
Intended B.S. in Biomedical Computation

Relevant Coursework:

- Multivariable Differential Calculus
- Design & Analysis of Algorithms
- AI Principles & Techniques
- Computer Organization & Systems
- Structure & Reactivity of Organic Molecules

Wasco Union High School

May 2019
GPA: 4.24 on a 4.0 scale

Relevant Coursework:

- AP Biology
- AP Calculus

special projects

FirstGenFirst.org

Scholarship and College Resource Website
July 2020 – Present

- Created intuitive UI for navigating website for both students and parents.
- Used Google Cloud APIs to maintain backend features.
- Used Node.js and Google Translate API for website maintenance.

FontTeX

HTML Mathematics Renderer Using LaTeX
December 2017 – Present

- 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.

direct experience

Stanford Student Technology – Tech. Specialist Team Lead

August 2020 – Present
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.

UC Santa Barbara – Research Mentorship Program 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.

additional experience

Starbucks – Barista

January 2020 – May 2020
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.
- Maintained and operated espresso machines, blenders, commercial coffee brewers, coffee pots and other equipment.
- 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.

skills

- Full-Stack Web Development
- Python
- C++
- Java
- Node.js
- Microsoft Office
- Adobe Illustrator
- Adobe Photoshop
- Excellent Customer Service