Christian Figueroa

Biomedical Computation Student at Stanford

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education

Stanford University

June 2023
GPA: 3.51 on a 4.0 scale
Intended B.S. in Biomedical Computation

Relevant Coursework:

- Multivariable Differential Calculus
- Automata & Computability
- Biostatistics
- Probability for Computer Scientists

Wasco Union High School

May 2019
GPA: 3.98 on a 4.0 scale

Relevant Coursework:

- AP Biology
- Chemistry
- AP Calculus
- Physics

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 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.

skills

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

direct experience

Stanford Student Technology – Peer Technology Specialist

August 2020 – Present
Stanford, CA

- 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.
- Connected with other coworkers and particiapted in meetings to assist in resolving larger issues as a team.

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 a computational model to predict the development of neural progenitor cells.
- Assisted in writing part of the computer simulation implementing the model using the MATLAB programming language.

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.