Education: Computer Science BS, California State University, Los Angeles; GPA: 3.256 of 4.0; Expected Graduation Date: May 2023

Marco Gonzalez

2305 Daly St. Los Angeles, CA 90031 USA – (323) 236 – 0604 – mgonzalez12000@gmail.com

- Core Competencies -

- Proficiency in Java (Data Structures, OOP, Servlets, Unit Testing)
- Proficiency in Python (Various programming paradigms: Imperative, OOP, Functional, Event-Driven)
- Exposure and familiarity with JavaScript
- HTML, CSS, Bootstrap, JSP, JSTL
- Fundamental skills in SQL (JDBC)
- Exposure to Tableau

PROJECTS

Personal Website

Created my personal website using HTML, CSS, and the Bootstrap framework. Website is continuously being updated and optimized and is being hosted on GitHub Pages.

GPYES

A web application that allows multiple users to connect to a web server, find their friends location, and message them. My key responsibilities were overseeing and developing the front end by using HTML, CSS, Bootstrap, and JavaScript for the Google Maps API

EXPERIENCE/EXTRACURRICULARS

Software Engineering/Data Analytics Intern, Johnson & Johnson

Starting June 2022

Computer Science Tutor, Engineer Factory

January 2022 – Present

Tutoring and co-teaching AP Computer Science Principles course. Create lesson plans with instructor, co-teach when needed, and help/assist students on concepts that they are having trouble on.

Student Mentor, XSEDE Computing4Change

August 2021 – Present

Mentoring a group of students, conducted daily student briefings to discuss project progress, and assist students with any blockers in their code.

Data Science Research Intern, XSEDE Advanced Computing for Social Change

Summer 2020

Learned to apply data analysis and computational thinking to a social challenge that existed in Los Angeles. Accessed and parsed gun violence data using Jupyter Notebook and the Python language. Libraries: NumPy, Pandas

Pre-Trainee, NASA DIRECT STEM

August 2019– March 2020

Attended workshops by UC Irvine, and JPL in cloud computing, and data analysis. I analyzed and developed statistical graphs consisting of climate change data. Uploaded work to supercomputers and learned their fundamental functions.