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

Marco Gonzalez

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- Core Competencies -

- Proficiency in Java (Data Structures, OOP, Servlets, Unit Testing)
- Proficiency in Python (Various programming paradigms: Imperative, OOP, Functional, Event-Driven)
- HTML, CSS, Bootstrap, JSP, JSTL

- Fundamental skills in SQL (JDBC)
- Exposure to Tableau
- Microsoft Office
- Bilingual

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. LINK: https://mgonzalez12000.github.io/marcosWebsite/index.html

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. MORE INFO: https://www.linkedin.com/posts/marcog12000_gpyes-screenshots-and-documentation-activity-6804208179090726912-7Eau/

EXPERIENCE/EXTRACURRICULARS

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 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 (Python). 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.