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)
- Microsoft Office
- Bilingual

PROJECTS

Personal Website

Created my personal website using HTML, CSS, and the Bootstrap framework. I used this project as a learning experience to learn such technologies on my own before taking my first web development course. This website is continuously being updated and optimized and is being hosted on Github. 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. LINK: https://www.linkedin.com/posts/marcog12000_gpyes-screenshots-and-documentation-activity-6804208179090726912-7Eau/

EXPERIENCE/EXTRACURRICULARS

Student Mentor, SIGHPC Computing4Change

August 2021 – November 2021

Mentored a group of students throughout a project of theirs. Took part of committee meetings to increase student engagement, conducted daily student briefings to discuss project, and helped 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 and RStudio. Furthermore, I wrote Python code to parse data and create graphs/tables using various modules.

Pre-Trainee, NASA DIRECT STEM

August 2019– March 2020

Trained by UC Irvine, and JPL in cloud computing, and data analysis by attending workshops that directly met NASA's mission goal and standards. I analyzed and developed two-dimensional and three-dimensional statistical graphs consisting of climate change data. I also had the opportunity to upload my work to supercomputers and understand their fundamental functions.

EDUCATION

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