Marco Gonzalez

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EDUCATION

California State University, Los Angeles   **Los Angeles, CA**
Perusing a BS in Computer Science (GPA: 3.259)   *Graduation Date: May 2023*

SKILLS & INTERESTS

Skills: Java | Python | JavaScript | HTML/CSS/Bootstrap | Tableau/Data Studio | Google Analytics | Git/Jira| HPC

Interests: Software Engineering, Web Development, UI/UX, Data Science

WORK EXPERIENCE

Johnson and Johnson   **Los Angeles, CA (Virtual)**
Janssen Neuroscience Technology Intern   *July 2022 - Present*
- Designed Agile User Stories (JIRA) for the Strategic Customer Group (SCG) site by meeting with technology leads and stakeholders to capture business requirements while ensuring proper UI/UX design requirements.
- Created a SharePoint site for Ponvory. Worked with and guided brand partners to leverage existing site's UI, develop a strategy for the site's structure, and incorporate Ponvory brand requirements for the new site. Proceeded to build the site.
- Built analytics dashboards using Data Studio that met business requirements for Spravato. Pulled site data with Google Analytics to compare metrics before and after a website redesign. Presented a demo of the dashboards to leadership, business, and agency teams.

XSEDE's ACSC/C4C   **Los Angeles, CA**
Peer Mentor   *August 2021- May 2022*
- Assisted participants in research question to meet the appropriate scope of workload and time of one week.
- Provided participants with an introductory lecture of data science, Python 3, and the Pandas, Matplotlib, and NumPy libraries. Created a sample Python script for participants to reference (Available on my GitHub).
- Assisted students to clean datasets, create DataFrames, debug their blockers, and create data visualizations.

Community Partners' The Engineer Factory   **Los Angeles, CA**
Computer Science Tutor   *January 2022 – May 2022*
- Lectured on programming fundamentals (procedural programming, scope, functions, algorithms).
- Taught app development and introduced the event-driven paradigm using JavaScript on the Code.org platform.
- Created review sessions and practice exams with the instructor to prepare students for the AP CSP exam.

XSEDE's Advanced Computing for Social Change   **Los Angeles, CA (Virtual)**
Data Science Research Intern   *June 2020 – August 2020*
- Learned and worked with multidisciplinary teams to apply data science, computational thinking, and gained computational research experience towards a social challenge.
- Hands-on experience with HPC to run, track, and stop Jupyter Notebook jobs on TACC's supercomputers.
- Used Python's Matplotlib, Pandas, and NumPy libraries to parse CSV files, initialize DataFrames, and create data visualizations with appropriate, effective, and engaging designs.

NASA DIRECT STEM   **Los Angeles, CA**
Pre-Trainee   *August 2019 – March 2020*
- Attended workshops taught by professionals from JPL, UC Irvine, XSEDE, and TACC to develop advanced computational and programming skills in Python and Linux (Data science/analysis, terminal navigation).
- Applied skills to analyze/develop two-dimension/three-dimensional graphs containing climate change data
- With the contributions of XSEDE and TACC, I gained hands-on experience uploading my code to supercomputers and understanding their fundamental functions.

PROJECTS

Personal Website: https://mgonzalez12000.github.io/marcosWebsite   *January 2022 – Present*
- Developed my personal website with JavaScript, HTML, CSS, and Bootstrap for a responsive design across all devices. Website is continuously being updated and optimized and is being hosted on GitHub Pages.

Cartless: http://mgonzalez12000.github.io/Cartless   *January 2022 – May 2022*
- Developed the front-end and back-end for a prototype shopping list web application that implements human-centered computing fundamentals and showcases a UI/UX driven design. (HTML, CSS, Bootstrap, JavaScript)

GPYES: linkedin.com/posts/marcog12000_gpyes-screenshots-and-documentation-activity-6804208179090726912-7Eau
Spring 2021
- A web application that allows multiple users to connect to a web server, find their friends location, and message them. My responsibilities were overseeing and developing the front-end by using HTML, CSS, Bootstrap, and JavaScript for the Google Maps API. I also assisted in the software documentation DFD (Level 0, 1, and 2).