Marco Gonzalez

Los Angeles, CA | linkedin.com/in/marcog12000 | github.com/mgonzalez12000 | 323 236 0604 | mgonzalez12000@gmail.com

EDUCATION

California State University, Los Angeles — **Los Angeles, CA**
Perusing a BS in Computer Science (GPA: 3.301) — *Graduation Date: May 2023*

SKILLS

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

WORK EXPERIENCE

We2Link — **Los Angeles, CA (Virtual)**
Software Developer Intern — *August 2022 – Present*
- Migrate We2Link's Want2Remember mobile app to a web app by building web components with JavaScript's React and the Tailwind CSS framework. Enabling such components to work with Firebase to upload/store inputted user data.
- Conduct PR reviews to ensure clean and stable code is being merged onto our main branch by using the browser console and a Firebase emulator. Ensuring effective communication with team members by providing requested changes via GitHub and Jira.
- Provide updates/communicate blockers with team during weekly standup meetings.

Johnson and Johnson — **Los Angeles, CA (Virtual)**
Technology Intern — *June 2022 – August 2022*
- 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.

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.

JDBC client using PostgreSQL: https://github.com/mgonzalez12000/PostgresSQLJDBC — *October 2022 – December 2022*
- Created an ER diagram and schema to design a database with the appropriate key constraints. Created the database by using DDL SQL and then implemented a JDBC client that allows users who don't know SQL to interact with the database.

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).