Marco Gonzalez

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EDUCATION

CALIFORNIA STATE UNIVERSITY, LOS ANGELES **Los Angeles, CA**
Bachelor of Science, Computer Science **May 2023**

PROFESSIONAL EXPERIENCE

WE2LINK **Los Angeles, CA**
Full Stack Software Engineer Intern **August 2022 - May 2023**
- Successfully migrated a React Native application to a web-based platform using ReactJS, Tailwind CSS, TypeScript, and Google Firebase.
- Collaborated with the Want2remember team to design, develop and implement new React components, enhancing the application's functionality and implementing cutting-edge features.
- Utilized Github and JIRA to promptly diagnose and resolve production issues by conducting PR reviews. Ensured for clean and stable code to be merged, allowing for smooth operation and minimal downtime within an agile environment.
- Assisted in preparing comprehensive reports, software documentation, and presentations for potential investors under the guidance of the We2link staff.

JOHNSON AND JONHSON **Los Angeles, CA**
Technology Intern **June 2022 - August 2022**
- Shaped the Strategic Customer Group website by crafting Agile User Stories in JIRA through collaborative discussions with tech leads and stakeholders to capture business requirements and ensure top-notch UX UI design.
- Led Ponvory SharePoint site development, guiding brand integration, strategizing structure, and enhancing user experience with existing UI, aligning it with the brand identity.
- Created Data Studio analytics dashboards for Spravato, extracting site data with Google Analytics to analyze metrics before and after a website redesign. Conducted a comprehensive demo for leadership, business teams, and agency stakeholders to support future decision-making.

TEXAS ADVANCED COMPUTING CENTER (TACC) **Los Angeles, CA**
Data Science Research Intern **August 2021 -May 2022**
- As part of the ACSC program, I worked and learned with multidisciplinary teams to apply data science, computational thinking, and gained computational research experience towards a social challenge.
- Used Python's Matplotlib, Pandas, and NumPy libraries to parse CSV files, clean data, initialize DataFrames, and create appropriate, effective, and engaging visualizations.
- Ran, tracked, and stopped Jupyter Notebook jobs on TACC's supercomputers via the terminal.

NASA **Los Angeles, CA**
Pre-Trainee **August 2019 -March 2020**
- During NASA DIRECT STEM, I attended workshops by JPL, UCI, and TACC to enhance Python and Linux skills for advanced computation and programming.
- Utilized Python and libraries such as NumPy, Pandas, and Seaborn for data cleaning, and data analysis on 2D and 3D visualizations featuring climate change and scientific data.
- Gained hands-on experience with high performance computing, including job management by using the command prompt/terminal using Linux commands.

PROJECTS

Personal Website: mgonzalez12000.github.io/marcosWebsite
- Designed a personal website portfolio using JavaScript, HTML, CSS, and Bootstrap.

JDBC client using PostgreSQL: github.com/mgonzalez12000/PostgresSQLJDBC
- Created an ER diagram and schema to design a database with the appropriate key constraints. Created the database using DDL SQL and then implemented a JDBC client that uses PostgreSQL to allow users who don't know SQL to interact with the database.

Robotics: https://github.com/mgonzalez12000/Robotics-Linux-Arduino
- Developed projects with the Arduino IDE off a VM utilizing Ubuntu. Collaboratively wrote C++ code with lab partners to add functionality to a Raspberry Pi and various components such as LED's ultrasonic sensors, step motors, and screens.

TECHNICAL SKILLS

- Proficient in Java, Python, and JavaScript HTML, CSS, Bootstrap, GitHub, Jira. Exposure to React.js, Data Science, AI/ML, Tableau, Data Studio, Google Analytics, Doctesting, HPC