Marco Gonzalez

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EDUCATION

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

PROFESSIONAL EXPERIENCE

Wells Fargo **Chandler, AZ**
Software Engineering Associate **January 2024 - Present**
- Gained hands-on experience with the entire SDLC and CICD pipeline by successfully rewriting an internal web app from VB.Net to Java/Spring and React/TypeScript in 6 months. This resulted in the modernization of the legacy app and ensured alignment with business needs through regular demos and communication with project owners.
- Developed 6 RESTful API's (GET/POST/PUT) using Java/Spring and Hibernate (JPA) to interact with a Microsoft SQL Server database. I tested my services with Karate, JUnit, and Postman, ensuring proper request/response handling, and verifying that payloads, headers, and tokens were functioning correctly.
- Led front-end development for the US team by developing 5 fully functional pages, and 8 reusable React components by utilizing Wells Fargo's internal React library. Additionally, I integrated APIs developed by myself and other engineers, ensuring that data is dynamically being fetched on the front-end and posted to the database as needed. I utilized Jest to provide unit testing and coverage (SonarQube) for these new pages and components.

We2Link **Los Angeles, CA**
Full Stack Software Engineer Intern **August 2022 - May 2023**
- Successfully migrated a React Native app to a web-based platform using ReactJS, Tailwind CSS, TypeScript, and Google Firebase by developing and implementing 5 new react components and 1 new accessibility settings page.
- Used GitHub and Jira to diagnose and resolve any defects by conducting PR reviews. Ensured for clean and stable code to be merged, allowing for smooth operation and minimal downtime by 50% 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 Johnson **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 4 tech leads and 2 stakeholders to capture business requirements and ensure top-notch UI/UX design.
- Led Ponvory SharePoint site development, guiding brand integration, strategizing structure, and enhancing user experience with existing UI, while aligning it with the brand identity.
- Pulled data with Google Analytics. Developed 2 Google Data Studio dashboards to analyze metrics before and after a website redesign. Led a demo for leadership, business teams, and stakeholders to support future decision-making.

Texas Advanced Computing Center (TACC) **Los Angeles, CA**
Data Science Research Intern **August 2020 - May 2020**
- As part of the ACSC program, I collaborated with 7 other multidisciplinary teams to apply data science, computational thinking, and enabled computational research experience towards a social challenge.
- Used Python's Matplotlib, Pandas, and NumPy libraries to parse CSV files, clean data, and initialize DataFrames. Created 4 effective, and engaging data visualizations to support my research question.
- Ran, tracked, and stopped Jupyter Notebook jobs on TACC's supercomputers via the terminal.

NASA **Los Angeles, CA**
Pre-Trainee **August 2019 - March 2020**
- Selected as 1 of 50 students to participate in NASA DIRECT STEM, where I attended workshops by JPL, UCI, and TACC to enhance Python and Linux skills for advanced computation and programming.
- Cleaned data and conducted data analysis on 2D and 3D visualizations by utilizing Python and libraries such as NumPy, Pandas, and Seaborn.
- Gained hands-on experience with high performance computing, including job management by using the command prompt and Linux commands.

TECHNICAL SKILLS

- Java, Spring, Python, JavaScript, TypeScript, React.js, HTML, CSS, Bootstrap, Web Development, Software Engineering, Data Science, AI/ML, Tableau, Data Studio, Google Analytics, JUnit, Jest, GitHub, Jira, Agile