MARIO **PALMA**

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Summary

Graduate student studying **computer science** with **website development** and tutoring experience.

Education

California State University - Dominguez Hills ● Computer Science (M.S.) December 2024
· **Courses:** Software Engineering, Software Architecture GPA: 3.78

University of California - San Diego ● Math-Computer Science (B.S.) March 2018
· **Courses:** Web Development, Algorithms, Data Structures, OOP in C++/Java, Software Engineering

Skills

Languages: Python, Javascript, HTML, CSS, Java, C++, PHP
Technologies: Unix, Node.js, React.js, Git, Amazon Web Services (AWS)(S3)(EC2)

Professional Experience

Salesforce
San Francisco, CA
Software Engineer Intern - Marketing Cloud Team   May 2022 - August 2022 & May 2023 - August 2023
· Built component to update and unify delete experience
  · Collaborated with product manager and ux-designer to create user-facing design and behavior.
  · Updated API to update its payload to the front-end component.
  · **Resulted in a component that can be used across multiple teams to unify delete experience.**
· Built feature to upload and store data-activation configuration settings delivered as JSON payload.
  · Created user-facing design and behavior.
  · Collaborated with my team's lead engineer to verify and store JSON payload on the back-end.
  · **Resulted in a component that is a convenient alternative to the wizard flow.**
· Technologies Used: CSS, Javascript, Java, Git

Internet Brands
El Segundo, CA
Web Developer Intern (Full Stack)   September 2021 - April 2022
· Improved the functionality of WordPress based sites with active user communities.
  · Used JQuery to automatically display a user's newly submitted and approved comment.
  · Implemented preloading images to reduce lead image display time for articles by one second.
  · Implemented Wordpress REST API to update infinite scroll functionality in articles.
  · **Resulted in improved user experience due to implementing modern web best practices.**
· Technologies Used: Javascript, HTML, CSS, PHP, Docker, Git, Google Lighthouse

El Camino College
Torrance, CA
Computer Science Tutor - Computer Science Pathway Program   September 2019 - May 2022
· Tutored computer science concepts and mentored a cohort of El Camino College students.

Projects

Social Media Built a web app for users to upload and share images using React.js, Node.js, MongoDB.
Memory Game Web app for Android mobile devices that measures memory game performance with vibration on and off using JQuery and Google Firebase. Hosted using AWS S3.

Research

Prize-Collecting Travelling Salesman Problem (September 2023 - Present)   The goal is to maximize (total profit = total prizes collected - traveling cost) using Multi-Agent Reinforcement Learning. This

research is being done under the direction of CSUDH computer science professor Dr. Bin Tang.