Hernan Hernandez

San Jose, CA | San Francisco, CA

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Education

California State University, Monterey Bay   **May 2022**
Bachelor of Science in Computer Science, Software Engineering   Seaside, CA

CodePath
Certificate in IOS Development   **May 2022**
Certificate in Intermediate Software Engineering   **August 2022**

Technical Skills

Languages: Python, Java, JavaScript, HTML/CSS, SQL
Technologies/Frameworks: Django, Django REST, Node.js, Express.js, Flask, MySQL, PostgreSQL, Unix, Github/Git
Developer Tools: VSCode, Xcode, Android Studio

Experience

EDMO Database Manager   **May 2023 – Present**
Full-Time | Remote, Salinas, CA
- Achieved a **50%** reduction in data management time by implementing optimized **Python scripts**, **Pandas**, **NumPy**, to identify and add, drop, update students in their respective sites enhancing efficiency in the **data management** processes
- Extracted specific school data need using **SQL queries** for visualization and data reports
- Coordinated with **14** school sites to keep consistency in managing data sets for their site

CodePath Tech-Fellow   **May 2023 – August 2023**
Intern | Remote
- Contributed to the instructional team's efforts in **teaching and facilitating** technical interview preparation for college students
- Provide comprehensive support to a diverse cohort of over **100** students, addressing their daily coding questions with prompt and effective solutions in **Python**

MESA Ambassador   **September 2019 – June 2020**
Intern | Salinas, CA
- Cooperated with a team to support the MESA (Mathematics Engineering Science Achievement) to further engagement in labs and present new opportunities from the program also **leading office hours** for computer science students in **C++**

CSUMB Gear-Up Tutor   **September 2018 – December 2019**
Intern | Seaside, CA
- Assisted in teaching introductory computer science, calculus, and pre-calculus courses, collaborating with interns and mentors to develop an efficient tutoring plan
- Led my own tutoring hours for computer science in **HTML/CSS** as well as mathematics courses

Hartnell Agriculture-Technology   **June 2019 – August 2019**
Software Engineering Intern | Salinas, CA
- Initiated with team members and a mentor on implementing the project infrastructure of a start up remote harvester to increase yield per acre
- Utilized **C++** and **OpenCV** software library as a development environment in order to implement it on our operating system

Pirelli   **October 2018**
Software Engineer Intern | Marina, CA
- Assisted in collecting data using **SQL Queries** for tires utilized by vehicles in Pirelli World Challenge race course to analyze usage rate

Projects

Gigster Website | *Node.js, Express.js, HTML/CSS, Bootstrap, SQL, Javascript, Heroku*   **April 2021**
- Developed an e-commerce website with a team for users to post listings for job services, allowing them to favorite and filter by their favorite listings
- Utilized Express.js to handle routing and middleware functionality of the website
- Implemented SQL and JSON to parse data and display information on user profiles, including their favorite listings, their own listings, and ratings for specific job listings