Claudio Perez-Rocha

+52 8115772527 | claudioprocha9@gmail.com | [GitHub](#) | [Blog](#) | [Linkedin](#)

Junior Front End developer with a strong desire to work for food.

TECHNICAL SKILLS

DEVELOPMENT - Javascript, Python, React, React Native, NodeJs, Express, Flask, Jquery, React Navigation **DB - ORMs** - SQL, Postresql, SQLAlchemy, Firebase **TESTING** - Jasmine, Jest **DATA SCIENCE** Tensorflow, Keras, Scikit-Learn, Matlab

RELEVANT EXPERIENCE

Rankd App Store app | 2022 - Present
Developed react native application and serverless express api for ai application.

1. Frontend Development (React Native)
- Conceived and developed a React Native iOS app enabling users to create leagues and log match results, implementing a Bayesian ranking algorithm for automated skill rating assignments, akin to ELO ratings (chess).
- Beta tested and Published to the iOS store. [rankd.me](#)
- Designed and coded over 14 React Native screens and 78 components, including modals, forms etc.
- Created extensive Error handling in the app allows for Roll back

2. Backend Development (Express, NodeJS, Google Cloud Functions)
- Developed a RESTful API using Express.js, including schemas for request body data to enhance data integrity.
- Implemented user authentication and expirable token-based communication for enhanced security.
- Created multiple middleware functions to handle expirable token-based authentication and authorization for specific CRUD actions, ensuring secure data management.
- Established an ORM-like structure for efficient data handling.

3. Machine Learning Integration
- Tailored and integrated a JavaScript implementation of a Bayesian ranking algorithm, inspired by academic models, into the backend, optimizing it to suit the specific needs and nuances of the multiplayer league management app.

Ugo.mx - React Native Intern | July - September 2023
- Developed three screens using React Native, React Native Navigation, and integrating ugo's
- Designed the UI for a rewards system for delivery app, integrating ugo's backend.
- Checkout Screen
- Coupons Screen
- Shop Screen

OTHER EXPERIENCE & PROJECTS

ARtour - Cofounder & Product Development
Monterrey, Mx ● 2021 - Present

- Co-founded and lead product development in a dynamic drone company specializing in providing tailored technology solutions to clients in the real estate industry.
- Led a group of professionals to design and integrate a set of technology resources ranging from professional-level site surveying with digital terrain models, to fully immersive hosted virtual tours webapps to drive real estate marketing.
- Collaborated with over 19 major clients including industry leaders such as Finsa, Realty World Mexico, and Remax across three major Mexican cities, driving adoption of guided virtual tours within their sales strategies.
- Achieved an average of 1.2K visits and 700 unique users for clients' guided virtual tours, enhancing property marketing effectiveness.
- Worked closely with clients, facilitating the seamless incorporation of our virtual tour webapps into their sales strategies through interviews and comprehensive training programs with the end users, tailoring each solution to their specific needs.

EDUCATION

Springboard, 2022
+ Software Engineering Bootcamp.

Flatiron School, 2020
+ Data Science Immersive Program 525 clock-hours

University of Washington, Seattle, WA - 20'
+ Bachelor of Science in Aerospace Engineering

DB - ORMs - SQL, Postresql, SQLAlchemy, Firebase
Testing - Jasmine, Jest
Data Science - Tensorflow, Keras, Scikit-Learn, Matlab