

Emmanuel Reyes

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EDUCATION

University of California, Irvine
B.S. Informatics
Minor in Management

Irvine, CA
June 2019

TECHNICAL SKILLS & INTERESTS

Languages: Python, JavaScript, Java

Server-side/Back-end: Node, Express, SQL, MongoDB (noSQL)

Client-side/Front-end: React, HTML/5, CSS, Bootstrap

Tools: Git, GitHub, Postman, Studio3T, Heroku

Interests: Full Stack Development, GraphQL, CI/CD, AWS, Redux, Next.js, Typescript, Django

WORK EXPERIENCE

Abbott

Software Engineer

Sylmar, CA

February 2022 - Present

- Perform root cause analysis and identification of solutions to complex field issues in adherence to our Quality Systems regulations
- Collaborate with DevOps to deploy software and hardware releases for Remote Care Operations, reaching 500K users on staging and production environments.
- Develop SQL queries to streamline alerts for clinicians, enabling them to monitor patients' implants & transmissions with 95% accuracy.
- Automate patient enrollment process using Selenium, resulting in 70% reduction of time spent on manual data entry.
- Utilize Linux for client-side integration to ensure successful HL7 data delivery on short notices

Coding Minds Academy

Computer Science Instructor

Irvine, CA

August 2019 - February 2022

- Instructed a class of 25 high school students on the fundamentals of computer science, increasing knowledge base by 80%.
- Mentored over 70 students in creating technical projects and debugging code, resulting in successful completion of software applications.
- Constructed interactive activities and hands-on learning sessions for 70+ students, increasing engagement by 20%

PROJECTS

Workout Log

- Built a REST API using Node, Express and MongoDB that stores workout log information
- Designed schemas to model users and workout data
- Utilized Postman to test routes before implementing front-end
- Designed front end of application using EJS templates
- Implemented embedded documents to easily store and render data

Weather Web App

- Developed web app using React components, props, states and event handlers
- Adapted the OpenWeatherMap API to fetch temperature data
- Dynamically rendered React components for every data fetch

Automated LinkedIn Connections

- Engineered a fully automated LinkedIn connections program using Python and Selenium
- Program visited each alumni or connection profile from recommended jobs
- Bot used Selenium library to interact with pages using button clicks, scrolling and wait times
- Automatically searched every recommended job page from beginning to end

Tweet Sentiment Analysis

- Utilized Twitter API, Tweepy and TextBlob to collect tweets and analyze sentiment for a given word