

# Emmanuel Reyes

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## EDUCATION

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

**Irvine, CA**  
*June 2019*

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## 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

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## 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**

*Programming 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%

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## PROJECTS

### [Whisper Copycat Web App](#)

- Built an anonymous secret sharing app centered around authentication and security
- Designed a schema to store users' credentials in a Mongo database
- Utilized hashing and salting as well as OAuth 2.0 with Passport.js
- Implemented cookies to help speed up access to the site for previously logged in users

### [To-Do Web App](#)

- Developed web app to let users create new tasks and add them to a default or custom list
- Created dynamic routes with Express.js to create new lists and load previous lists
- Deployed on Heroku and MongoDB Atlas

### [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