JUAN ELIAS CASTILLO

347-235-3340 | jelias207@gmail.com | GitHub | Medium | LinkedIn

Full stack web developer with a passion for backend. With experience in Ruby on Rails, JavaScript, and React and a background in philosophy, I discovered web development through my relentless drive to seek improvements in problem solving. My unique background allows me to think critically and apply nuanced strategy and logic to every project put before me.

TECHNICAL PROJECTS

Hoodoke- Hoodoke frontend Hoodoke backend demo
Hoodoke aims to allow users to bring the joy of going out with your friends for karaoke to the palm of your hand.
+ Used React/Redux to create the frontend portion and Ruby on Rails for my backend API
+ Used the Web Speech API to implement voice recognition to imitate singing
+ Designed using semantic UI and Vanilla CSS
+ Created a scoreboard that increases when the words you've spoken match the words on the screen

Recognizer - Recognizer frontend Recognizer backend demo
Recognizer allows user to take a photo and receive a response back based on user's emotion.Song would then play based on mood of the photo!
+ Created JavaScript frontend with a functional based JS syntax and Ruby on Rails backend API that holds user emotions
+ Measured the frequency of the songs utilizing the Web Audio API to create visualizations to be drawn on a canvas
+ Used AJAX functionality to fetch emotion data from the Face ++ API
+ Designed user interface with custom CSS and graphics

TellUS - GitHub demo
Inspired by Twitter, TellUS aims to allow users to talk about certain topics as much as they want. Also allows users to follow other Users to create friendships
+ Used Ruby on Rails to develop front and back ends
+ Created a self-referential table to allow users to follow other users
+ Designed user interface with Bulma

TECHNICAL SKILLS

 Ruby, Ruby on Rails , SQL , PostgresSQL, HTML, CSS, Javascript, React, Redux, Action Cable , WebRTC, Java

EMPLOYMENT HISTORY

Flatiron School, New York, NY
Online Instructor, *September 2019 - present*
+ Provide support and mentorship to students in the online full stack web development program.
+ Lead Study Groups and lectures on topics of interest throughout the curriculum.
+ Conduct Portfolio Project Reviews for students projects throughout the course.
+ Maintain and improved curriculum as well as triaging issues and pull requests

Health First Network New York, NY
Junior Software Engineer, *January 2019 - August 2019*
+ Creation of Controllers, Modules, and Views that modular, scalable and optimized
+ Creation of APi using Node
+ Debugging and correcting the Models Views and Controller
+ Adhere to team's coding standards, including style and approach

EDUCATION

Flatiron School - *2018*
+ Full Stack Web Development, Ruby on Rails and JavaScript immersive program

John Jay College of Criminal Justice- New York, NY *2009-2015*
+ Coursework in Philosophy and Law