Eugene Moon

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GitHub   Portfolio   LinkedIn

TECHNICAL SKILLS

JavaScript, Python, Ruby, Ruby on Rails, React, Redux, AWS, HTML, CSS, SCSS, Flask, MongoDB, Mongoose, Node.js, Express.js, Redis, WebSockets, Google Maps API, Tone.js, Web Audio API, SQL, PostgreSQL, pandas, NumPy, seaborn, webpack, jQuery, Git, Heroku

PROJECTS

Commecicord – Developer   (Ruby on Rails, React, Redux, Action Cable, PostgreSQL, AWS, jQuery)   live | repo
A full-stack clone of Discord, a popular instant messaging and VOIP application that gained popularity through the gaming community
- Implemented custom error handling to detect valid email addresses and secure passwords for sign up process
- Optimized performance by eliminating all database N+1 queries with proper ActiveRecord methods and PostgreSQL queries
- Built real-time chat feature using Action Cable to integrate WebSockets for seamless channel and direct messaging

BrewedForce – Team Lead   (MongoDB, Mongoose, Express.js, React, Redux, Node.js, Google Places API, AWS)   live | repo
A coffee rating app created to fulfill an increasing demand for reliable ratings in the coffee industry
- Led the initial conception, development, and deployment of the application; chosen as team lead through application pitch
- Delegated daily stretch goals for each team member during morning standups, identifying areas requiring special attention
- Incorporated Google Places and Search API to automatically populate and save pages for coffee shops by utilizing Place ID details

JuniPAW – Developer   (JavaScript, HTML5, SCSS)   live | repo
A Digital Audio Workstation (DAW) inspired application that doubles as an algorithm audio visualizer
- Integrated Tone.js to map sounds to each key on the board providing audio feedback on click
- Implemented algorithm audio visualizer by connecting each pad to a node using DOM manipulation

EXPERIENCE

breathing.ai   Remote
Back End Developer Intern   Dec 2020 – Present
- Utilized AWS Cognito for ease of authentication, authorization, and user management with Python/Flask backend
- Constructed routes and API endpoints using AWS's API Gateway
- Initialized SQLite database for logging extension statistics in order to maximize reach and usage

Citizens of Soho   New York, NY
Captain, Head Barista, Trainer   Dec 2019 – Mar 2020
- Succeeded in revamping the coffee training program for 20+ baristas throughout all stores, allowing them to develop the skills necessary to handle service in 1.5 weeks down from 2 months
- Led monthly meetings to choose the next coffee for each store increasing coffee sales by 122% over the course of 4 months
- Optimized operations by analyzing inventory data using Upserve and MarketMan to identify overstocked goods
- Delegated goals and tasks to seven team members in order to meet daily sales goals; exceeded previous weekly sales targets for 4 weeks straight following the opening week

EDUCATION

Software Engineering | *App Academy*   Summer 2020
Immersive software development program with a 3% acceptance rate with a focus on full-stack web development, which entailed 1000+ hours of coding

BBA International Business | *City University of New York - Queens College*   Spring 2019

BA Economics | *City University of New York - Queens College*   Spring 2019