

Jillian McLaren

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TECHNICAL PROJECTS

Artemis, Podcast Recommendation & Streaming SPA

<http://www.ArtemisPlayer.com/>

Fullstack web app built with JavaScript and the NERD stack

- K-nearest neighbors machine learning algorithm powers a collaborative recommendation filtering system
- A TF-IDF algorithm and the Natural library extract relevant tags from episode descriptions to feed to the recommendation engine
- A seamless UI allows users to interact and provide feedback about podcasts, altering the tag scores associated with the user's current channel

Nutri-Vision, Menu Nutrition Analyzer

<https://www.fullstackacademy.com/hackathon-presentations/nutri-vision>

iOS and Android app built with JavaScript and React Native

- Google's Vision OCR analyzes images taken with Expo's camera
- Axios sends requests querying data to an API route that triggers the server to send unirest requests to the Spoonacular API
- Data is filtered and a list of all dishes on the captured menu with their nutrition info is rendered

Book Haven, E-Commerce Platform

<https://bookhaven.herokuapp.com/>

Fullstack CRUD App built with JavaScript the NERD Stack

- Models and associations created with Sequelize in PostgreSQL permit users to retrieve their account information and past orders
- Authentication supports non-logged-in, logged-in, and administrator users, and additionally allows users to log in with Google OAuth
- Administrators have a customized UI where they can easily view and alter all inventory and user information

EXPERIENCE

Fullstack Academy of Code, New York, NY

Teaching Fellow (10/2018 - current)

- Guide students with code errors and questions throughout 20+ workshops
- Administer technical interviews for prospective students 2 times weekly
- Mentor and hold reviews for students on Node.js, Express, React, Redux and Sequelize/PostgreSQL concepts

Sheehan Family Co. New York, NY

Sales Data Analyst (07/2017 - 04/2018)

- Performed sales, marketing and ad hoc analysis for a beverage distributor with 200+ suppliers and 10,000+ clients, to evaluate brands' performances and to predict future sales and inventory needs
- Tracked KPIs, ran gross profit reports, and helped prepare next year's budget

Marketing & Tech Support (03/2017 - 07/2017)

- Provided technical support and helped manage the configuration of softwares utilized by the sales and marketing teams

SKILLS

Proficient: JavaScript, React, Redux, Node.js, Express, Sequelize, PostgreSQL, HTML5, CSS3, Git, Webpack, Babel

Knowledgeable: AWS Lambda, API Gateway, SES, React-Native, Socket.io, Webpack, Mocha, Chai, Google OAuth, Bootstrap, jQuery, TDD

EDUCATION

Fullstack Academy of Code

Software Engineering

June 2018 - October 2018

Immersive software engineering bootcamp focused on JavaScript and the NERD stack - Node.js, Express, React, Redux, Sequelize, PostgreSQL

University of California, Santa Barbara

BSc. Environmental Studies

September 2012 - June 2016

Concentration in food production and world agriculture

LANGUAGES

English
Italian
German