Daniel **Hernandez**

(217) 508-9193   danher2525@gmail.com   **Website**   **GITHUB**   **LINKEDIN**

SKILLS

React, Redux, Node.JS, MongoDB,Express, JavaScript (MERN), Ruby, Rails, HTML5, CSS3, SQL, GraphQL, Apollo,Python

PROJECTS

Learning Hall   (Rails, Ruby, AWS (S3), React, Redux, PostgreSQL, Webpack)   live|GitHub

A single-page open.appacademy.io clone, built on Ruby on Rails, React, and the Redux cycle with RESTful routes

- Harnessed Redux single-state management to streamline communication between backend and frontend architecture and implement well-rounded CRUD functionality, letting users update a task on a course seamlessly
- Capitalized on Redux patterns to maintain a reference to an active course slice of front-end UI state enabling quick pickup time throughout navigation of the application

Save a Stray (React, Redux, Node, MongoDB, Express, GraphQL, Apollo)   live|GitHub

An app helping animal rescues maximize adoption rates using the MERN stack with GraphQL *and the Google Maps API*

- Implemented a RESTful API to utilize Google and Facebook OAuth on the MongoDB / Express Backend
- Completed a GraphQL layer to integrate an Express server on the backend and an Apollo store on the frontend

Job Harmony (React, Node, MongoDB, Express, GraphQL, Apollo)   live |GitHub

Used by job seekers to find a job based on their skills and merits.

- Implemented User Auth by encrypting user details via the JSON Web token library to be sent over HTTP using Axios to be decrypted via the JWT-Decode library on the frontend
- Created custom API endpoints on the MongoDB, Express backend that allotted for a user to narrow down the job results

Awesome JS Game (Node.JS, JavaScript, HTML5, CSS3)   live|GitHub

A dynamic loading game that tests you on basic arithmetic questions .

- Implemented custom movement, gravity, and object collision functions to provide a physics engine that allows objects in the game to intuitively interact with each other.
- Engineered scene changes and scorekeeping through the introduction of game state changes that rely on Object-Oriented Programming techniques and conditional logic.

EXPERIENCE

Freelance Web Developer

Brainy Developer   Dec 2017 - Current

- Spearheaded sales efforts in making pitches to local businesses for high-quality eCommerce/specialized web applications using a wide verity of technologies such as React, Redux, Node, MongoDB, Express, JavaScript, Heroku, Hostgator, and WordPress
- Worked closely with business owners to design/develop unique website UX/UI functionality to help with any urgent problems using JavaScript, Html5, and css3.

Teaching Assistant & Tutor

Lake Land College   Aug 2017 - May 2018

- Helped students prepare for exams and quizzes for topics such as HTML5, CSS3, JavaScript and Python
- Assisted in the development/research of new course delivery systems for the software engineering department such as OBS and replit

Freelance Computer and Smartphone Repair Technion

Phones For Fast Cash   Feb 2015 - Jan 2019

- Preformed over 500 field repairs on smartphones/laptops/tablets while focusing on delivering industry-standard repairs.

EDUCATION

Web Development *- App Academy | Spring 2019 | 1500+ hour curriculum with < 3% acceptance rate.*

IT–WEB TECHNOLOGY *- Lake Land College | 2018- 2019*