

COLIN REITMAN

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SKILLS

Ruby

Rails

JavaScript

React

Redux

HTML

CSS

SQL

GraphQL

Docker

MongoDB

PSQL

PROJECTS

TuneRain, Sole Developer (Ruby on Rails, React.JS, Redux, CSS)

[live](#) | [github](#)

A SoundCloud clone for uploading, storing, and playing music

- Implemented basic CRUD functionality, allowing users to create, read, update, and delete songs through back-end communication with Amazon Web Service.
- Designed a player component using Redux states so that users can select songs to play and listen while navigating around the site. Concise logic enables the song to be paused and played again without restarting.
- Incorporated styling with CSS and through customized components by Bootstrap-React and React-Slick.

AetherBnB, Co-Creator (Express, ReactJS, MongoDB, Node.JS, CSS)

[live](#) | [github](#)

An Airbnb clone for searching and booking vacation rentals

- Implemented a custom React-Places component that combines Google's Geocoding functionality with database queries, allowing users to simultaneously search the database for available spots and update the map with that spot's geographic location.
- Engineered Google Maps API functionality that refines the displayed properties in accordance with the bounds of the current map view, allowing users to view the available properties on the map.
- Incorporated customized implementations of Airbnb's published React components, including the Date-Range Picker and a map toggle by Material UI.

John Conway's Game of Life, Sole Developer (React.JS, JavaScript, CSS)

[live](#) | [github](#)

An implementation of John Conway's Game of Life

- Implemented game logic in JavaScript in accordance with the rules of the Game of Life, governing the generation, death, and subsistence of cells from one generation to the next.
- Designed an aesthetically pleasing interface using CSS and design principles, including music by Baltimora and controls.

EXPERIENCE

Project Manager/Analyst

American Association for Laboratory Accreditation (March 2014 – April 2018)

- Developed and implemented the Medical Accreditation program, including requirements derived from ISO 15189 and CLIA, in consultation with medical testing experts and clinicians.
- Managed the accredited activities of over 85 laboratories in different disciplines, including: Life Sciences, Mechanical, Cannabis, Clinical, and Electrical testing, as well as Calibration.

EDUCATION

Web Development - App Academy (Spring 2019)

A rigorous 1000-hour software development course with <3% merit-based acceptance rate.

Bachelor of Arts - Hood College - Frederick, MD - Biology, May 2010

Cumulative GPA: 3.5/4.0, Major GPA: 3.6/4.0

VOLUNTEERISM

AmeriCorps State and National Program, Our City Forest (2011-2012)