Edan Lewis

Github *LinkedIn* *Portfolio*

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SKILLS

Ruby, Ruby on Rails, Node.js, JavaScript, jQuery, React.js, Redux, Express, PostgreSQL, MongoDB, Git, HTML5, CSS3, RSpec, Jest, Jasmine, AWS S3, Adobe Illustrator, Sketch.

PROJECTS

SoundLoud   Live Site | Github
A fullstack music promotion app, built with Ruby on Rails and React.Js.
- Integrated AWS S3 to host and organize both album image and audio files, resulting in lighter and more dynamic server requests.
- Designed a intuitive and aesthetically appealing UI layout using SASS.
- Built out custom Search and Featured track React components using Active Record to search the PostgreSQL database for specific tracks by either search query or playcount.

Pinball Wizard   Live Site | Github
A modern spin on an age-old classic; Pinball Wizard is a fun and engaging pinball game built with JavaScript, Matter.Js and HTML5 Canvas.
- Incorporated a miniature collision filtration system among specific Matter.Js bodies, resulting in finely tuned pinball paddles that interact solely with the pinball.
- Experimented with a new and intriguing JS library to mimic 2D physics of a pinball table.

Airacle   Live Site | Github
Airacle uses machine learning to predict the probability and length of delays on upcoming flights.
- Utilized D3.js to render delay probability data in beautiful interactive charts.
- Worked amongst a small team on a tight deadline through git group workflow.

gusto   Live Site | Github
gusto is a restaurant review and mapping app. Built on Node.js, Express, and Pug.
- Created and customized static and dynamic maps using the Mapbox API.
- Coordinated complex aggregation queries using MongoDB.

EXPERIENCE

Software Engineer Intern
App Academy   2018 -
- Conducted technical and behavioral interviews to gauge the potential fit of prospective students.
- Taught introductory programming concepts to incoming students in Ruby, through both pair programming and formal lectures.

Freelance Graphic Designer
                                                                                         2016 - 2017
- Designed and developed mockups for a new academic fellowship campaign using Adobe Illustrator.
- Implemented PHP programming to create a ski trail map that dynamically updates based on current trail and lift conditions.

Research and Administrative Intern
Center for Food Safety   2016 - 2016
- Reviewed and analyzed scientific research documents. Organized findings into cohesive and presentable summaries used to direct several agricultural advocacy campaigns.
- Fielded dozens of phone calls daily, assuaging concerns over particular US agricultural issues and providing helpful information about how to effectively take action.

EDUCATION

App Academy   (December 2017)
- 1000-hour immersive software development course with focus on full stack web development
- Rigorous program that accepts < 3% of all applicants
- Coursework teaches TDD, scalability, algorithms, OOP, coding style, REST, security, single-page apps, and web development best practices.

University California, Berkeley   (May 2015)
BS - Molecular Environmental Biology