Kendra Odrunia

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SKILLS   JavaScript, React, Redux, Node.js, Express.js, Ruby, Ruby on Rails, PostgreSQL, MongoDB, OOP, jQuery, AWS S3, Testing (RSpec, Mocha, Chai, Jest), HTML5 Canvas, SASS, CSS3

PROJECTS

Youth To The People   Live Site | Github

A full-stack web clone of Youth To The People (Ruby on Rails, JavaScript, React, Redux, AWS, SASS, jQuery)
- Designed efficient PostgreSQL schema for optimal space utilization and single source of truth for read and writes, reduced disk space by 15% and cut write times by 50%
- Utilized Active Record (ORM) association methods and queries to fetch all data and associations from the database in constant time, improved database read performance by 85%
- Applied the use of CSS pseudo-class selectors for page animations, transitioned 10% of the workload from the browser's 'main thread' to the underutilized compositor thread
- Leveraged Active Record and PostgreSQL to create application and database uniqueness validations, resulting in 100% data integrity in products listed

Whatchu Want   Live Site | Github

Restaurant recommendation app utilizing the MERN stack and collaboration efforts of engineers (Express.js, React, Node, MongoDB, Google Maps API, Yelp API)
- Utilized Yelp API, Axios, and HTTP routes to retrieve restaurants consistent with the user's submitted preferences, creating uniquely fitted suggestions
- Built validation logic using Validator.js in the favorites model, enabling users to customize a list of favorite restaurants
- Coordinated team standups discussing our progress and roadblocks to increase work efficiency and maintain effective communication
- Integrated Google Maps API with geolocation base searching to provide the restaurant's location

Positivity   Live Site | Github

A light-hearted, sprite incorporated, game to promote positivity (Javascript, Canvas, HTML5, CSS3)
- Optimized load times and user experience by constructing an algorithm that loads all game resources, such as sprites, and fires an event when completed
- Engineered UI to incorporate web responsiveness through DOM manipulation, including an event listener attached to the speaker icon that plays audio music and renders a new icon when clicked
- Enhanced UX through DOM manipulation, such as the addition of event listeners on the arrow keys allowing the avatar to move in the direction dictated by the user

EXPERIENCE

Medical Scribe | UCSF Medical Centers | March 19 - December 19
- Transcribed 16+ patient visits per day, including past medical history and present medical concerns

Laboratory Assistant |UC Davis Dubcovsky Lab| December 15 - September 18
- Produced data samples and filed reports for a lab of 28 researchers, under strict deadlines

EDUCATION

App Academy | San Francisco, CA | 2020
Immersive 1000 - hour software engineer course with a < 3% acceptance rate. Coursework: Web Application Development, Test-Driven Development, Scalability, Algorithms, Object-Oriented Programming, RESTful APIs, CRUD, React, Redux, and SQL

University California, Davis | Davis | 2018
Bachelor's of Science - Human Development