Aaron Lewis

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SKILLS

Ruby, Ruby on Rails, JavaScript, React, Redux, HTML, CSS, SCSS, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku

PROJECTS

Korra *(React/Redux, Ruby on Rails, SCCS, JQuery), PostgreSQL*   **Korra** | **Github**

A Quora-inspired single page web app where users can ask and answer questions

- Leveraged Ruby on Rails Polymorphic associations for Users, Questions, and Answers in order to maintain DRY code
- Built customized modals for CRUD actions for Questions and Answers in order to enhance the user experience
- Designed a Search Bar feature that pulls Questions based on the on users input , allowing users to filter results

Moral One *(Mongoose, MongoDB, Node.js, Express.js, Javascript, SCSS)*   **Moral One** | **Github**

A single page web app where users can take a questionnaire of moral quandaries, and then discover how different demographics answered each specific moral dilemma

- Engineered a backend that implemented MongoDB to store specific data of a Question, The Question contains data based upon the moral choice of the user, and of the user's stored demographics

- Updated a Users moral compass when a user would take a survey, giving the user an idea of what philosophy they most identify with

- Formulated pie charts for each choice using the Recharts API for a compelling and thought-provoking user experience

MouseTrapped *(Javascript, Canvas)*   **MouseTrapped** | **Github**

A puzzle game where the user controls a mouse who need to escape a cage, the user must sequentially click the correct buttons and pass through the correct walls

- Implemented OOP by creating dynamic buttons that listened for a collision of an object, and changed the state of a third connected object based on the collision, creating a stimulating environment

- Built customized pop up dialogue based on the sprites coordinates and the users performance, this was implemented to further user interaction

- Engineered a second room containing the and Rank based on the completed time of the level to maintain further user interaction

EDUCATION

- App Academy - 1000+ hour web development program with a 3% acceptance rate, 2020
- Yeshiva University - took classes in 2019 - 2020 while majoring in Computer Science
    - Relevant Coursework: Intro to CS, Data Structures, Calculus 1 , and Discrete Mathematics