Alisa Cheadle

Software Engineer

Seattle, WA   971. 599. 3136   alisa1649@gmail.com   Portfolio   Github   Linkedin

SKILLS

JavaScript, React, Redux, HTML, CSS, Ruby, Ruby on Rails, Python, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku, product development, REST APIs

PROJECTS

Brain Flayer | *(React/Redux, Rails 5, PostgreSQL, CSS3)*   **live** | **github**

A single-page full-stack clone of BrainScape, which allows users to browse, search for, create, update and study decks of flashcards.

- Built a custom authentication system using randomly generated session tokens, model-level email and password validations, password encryption and user-friendly login and signup error messages [1, 2].
- Crafted a custom image carousel for landing page with CSS [1] and javascript [2] using an integer array to index images and the CSS transition property to shift "previous" tagged images out of view and "active" images into view.
- Implemented functionality to make decks searchable by author, title or tags. The user-entered search term is used as a query string parameter handled by original SQL logic in the decks controller search method.

Pandamonium | *(React/Redux, Node.js, Express.js, MongoDB, Mongoose, JavaScript, CSS3)*   **live** | **github**

A social media app created as a team using the MERN stack, allowing members of the LGBTQ community to connect with others in their area for support, friendship, and allyship.

- Collaborated with the project's engineering team to design a site that is inviting and easy to navigate, with a lighthearted and aesthetically pleasing design. Implemented these designs using *coolors.co and photopea.com.*
- Partnered with backend engineers to implement front-end CRUD functionality for forums, threads and comments, using React, Redux, and Axios.
- Designed and implemented UX/UI for user sign-in, sign-up, and profile management flows, using editable text fields as well as a custom reusable modal component and redux state to handle opening and closing of modals.

N-Back Memory Game | *(HTML5, Javascript, SASS, CSS)*   **live** | **github**

An original implementation of the N-Back style memory training tool in which players aim to accurately respond when the currently displayed grid position matches the position on the grid displayed N iterations prior.

- Created an easy to navigate game interaction container to render real time score updates during gameplay by using event handling logic, and tracked application state to allow users to pause or restart the game.
- Programmed custom scoring algorithm based on details from original scientific study that popularized the game.
- Used CSS Viewport units and @media queries to make the site responsive and functional on mobile devices.

EXPERIENCE

Technical Admissions Specialist
App Academy, New York New York   June 2021 - Present
- Conducted technical and non-technical interviews for App Academy software engineering program candidates.
- Provided written evaluation of candidates' algorithm, pair programming, debugging and collaboration abilities.

Patient Care Technician
Virginia Mason Medical Center, Seattle WA   June 2017 - June 2018
- Assisted 10+ oncology patients with activities of daily living in a compassionate and safe manner.
- Acted as point of contact between different departments, prioritizing communication based on patient acuity and information most relevant to the department.

EDUCATION

App Academy - *Highly selective software engineering program with a focus on object-oriented*   December 2020
programming (OOP), data structures, algorithms, and full stack software development.
Shoreline College - *Associates of Applied Science in Nursing – 3.8 Cumulative GPA*   June 2020