PAUL CHO

(213) 268-4316   paulseokcho@gmail.com   LinkedIn   Github   Personal Site   San Francisco Bay Area

SKILLS   Javascript, React.js, Redux, Node.js, Express, Ruby /on /Rails, Ruby, SQL, Git

PROJECTS

Asauna   (*Ruby on Rails, React/Redux, PostgreSQL*)   Live Site | Github
Productivity and task management web application.

- Implemented custom user authentication from the ground up with salted/hashed passwords, session generation, and credential validations.
- Built a modal Redux component that manages and renders different form components on click based on the form type.
- Heavily utilized Promise chaining to handle asynchronous actions within Redux.
- Designed smooth task-clearing animation by utilizing Javascript timing events to remove HTML elements once the CSS animation has completed.

Liftur   (*Node.js, Express, React/Redux, MongoDB*)   Live Site | Github
Mobile application that creates a fitness plan based on user goals and experiences.

- Generated JSON web tokens using randomly generated keys, which removed the need to store sessions in the server.
- Implemented route utilities for protected and authenticated frontend routes by reading authentication information from client state and redirecting users appropriately.
- Selected workout plans in the backend by querying through associated workouts given a user's fitness goal and requested difficulty level.

MuseRuse   (*Javascript, Canvas*)   Live Site | Github
An entertaining rhythm-based game, inspired by StepMania.

- Created columns for each key by instantiating multiple overlapping canvases with different id attributes.
- Populated notes with a velocity that changes based on screen resolution that re-render on the canvas per frame update.
- Removed notes on key press by checking the height of the note and manipulating DOM event listeners to clear the canvas.

EXPERIENCE

Clinic Manager   Feb 2019 - May 2019
Lead Medical Assistant   Aug 2018 - Feb 2019
Medical Assistant   June 2015 - Aug 2018
Pain and Rehabilitative Consultants Medical Group

- Managed a department of 15+ medical staff. Developed clinical manuals and trained medical assistants.
- Implemented billing compliance protocols for LC-MS/MS urine drug testing under Medicare guidelines, decreasing claim denials by over 90%.
- Supervised pharmacy operations and ensured compliance to Medical Board of California and Board of Pharmacy regulations.
- Ensured company-wide adherence to new healthcare legislation and best clinical practice.

EDUCATION

App Academy - Immersive software development course with focus on full stack web development (August 2019)
University of California, Berkeley - *BA - Biology* (May 2015)