Kevin Chen

Github LinkedIn Portfolio

Phone: 347-502-4683   xkevinchen@gmail.com

New York, NY

SKILLS

React.js, Ruby on Rails, JavaScript, Ruby, Redux, PostgreSQL, jQuery, Redux, Git, HTML5, CSS3

PROJECTS

Heirbnb   Live | GitHub

An Airbnb-inspired app created using React/Redux on the frontend and Rails on the backend.
- Implemented validation logic in Active Record that compares pending reservations from existing dates to prevent double bookings.
- Achieved a sleek and responsive design featuring collapsible widgets, interactive modals, and animated micro-interactions using React, JavaScript, and CSS3.
- Utilized React Lifecycle methods and a normalized Redux state in order to execute lazy loading of database information and eliminate N+1 queries while increasing overall scalability.
- Implemented search for listings by geolocation with Google Maps API and Google Places Autocomplete API, making for a smooth search experience for users.

Memery   Live | GitHub

An interactive single-player JavaScript game.
- Built with only vanilla JavaScript to provide users with dynamic gameplay.
- Installed or removed event listeners dynamically based on whether cards matched or not.

js-domination   Live | GitHub

A JavaScript library that recreates the most important functionalities of the jQuery library.
- Abstracts native Document Object Model (DOM) into JavaScript objects in order to optimally send AJAX requests, handle events, and manipulate DOM elements.

EXPERIENCE

App Academy
- 1000-hour immersive software development course (with < 3% acceptance rate) with focus on full stack web development.
- Focused on proficiency in Rails, Ruby, SQL, JS, React, test-driven development (TDD), algorithms, design patterns, and programming best practices.
- Emphasis on scalability, object-oriented programming (OOP), coding style, meaningful commits to GitHub, single-page applications, end-user experience, and computer science fundamentals.
- Collaboration with cohort-mates in pair programming sessions to tackle projects and tasks and enhance debugging skills.

EDUCATION

Stony Brook University

BS - Biomedical Engineering
- Relevant coursework: MATLAB, Linear Algebra, Probability and Statistics.
- Served as undergraduate research assistant: assisted in the synthesis of graphene oxide nanoparticles coated with dextran with two other mentees and experimented with different concentrations to optimize dextran functionalization under the supervision of a graduate student.