Stacy Keown

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TECHNICAL SKILLS

Strong | JavaScript (ES6), React Native, React, Redux, Redux Thunk, HTML/CSS, Git, Express, Node, React Router, jQuery
Experienced | MongoDB, Mongoose, PostgreSQL, OAuth, AWS, Webpack, Cheerio, Mocha, Bcrypt, GraphQL, Docker

EXPERIENCE

Trilogy Education | Teaching Assistant at UCLA – University Coding Bootcamp Full Stack MERN Development   March 2020 – Current
- Participate in the assessment process, of students, by using a variety of methods and techniques; all the while also providing effective, timely, and appropriate feedback to students in order to support their learning.
- Assisted students during multiple project phases where they took the skills that they have learned and apply them to a large project.
- Encourage students who feel that they are underqualified and/or not capable of moving forward to see that they are 100% capable of doing so and helping them combat the Imposter Syndrome that lives inside most all of us.

SCCYC Boats | Software Engineer - Contract A Database containing Member Information Easily Accessible to Members   Aug 2018 – Jan 2020
- Implement React.js to engineer a beautifully crafted front end and create custom components that allow for users to easily navigate the webpage as well as ease of updating and maintaining the page itself.
- Converted already existing access database to a PostgreSQL database to allow for greater database accessibility by members.
- Configured Node.js server, using Express, that persisted application state via ACID compliant PostgreSQL database, preserving highly relational associations between members and their information, and leveraging a one-to-many relationship for future scalability.

Witnss | Software Engineer - Contract Hyperlocal Event Discovery Application for both Android and iOS   May – July 2018
- Implemented React Native, due to its ability to natively compile JavaScript to Java and Swift code, in order to build a Multi-Platform Mobile Application, while only coding in a single language.
- Utilized Redux Thunk to manage application state and enable asynchronous functions to map geographic coordinates out to our multiple components to display beacon locations.
- Leveraged Expo's innate code tracking and monitoring functionality to dynamically render changes in the codebase and facilitate collaborative editing across numerous iterations.
- Connected to client's NoSQL Database in order to store and access user data and beacon data, employing request-testing software to adapt and integrate alongside a rapidly evolving API.
- Invoked platform-agnostic Expo SDK methods to access camera rolls to provide instant media storage and uploading capabilities.

PROJECTS

newTpet | Software Engineer | CodeSmith Hackathon Grand Prize Winner New Tab Chrome Extension
- Employed Local Storage to optimize data tracking and allow the state of the app to persist across browser sessions.
- Designed CSS3 Animations using Keyframes to create customized, complex, and responsive animations on the page by converting API data into visualized graphics, all the while minimizing application build size.
- Utilized Weatherbit API to present real time weather of location using HTML/CSS/jQuery to render live updates based on user input.

Tamagotchesque | Software Engineer A Node based application that implements Ascii Art
- Leveraged Node's Inquirer Package in order to allow the end-user to give responses to inquiries for an interactive game.
- Incorporated Ascii Art, created by others, from the internet in order to allow for a fuller user experience with cute visuals provided.

CodeRoom | Software Engineer A Text Based Escape Room Adventure Game with JavaScript
- Used React Context API to avoid the unnecessary passing of data through intermediary React components and ensuring state integrity.
- Leveraged Web Workers' background threads to asynchronously parse and evaluate user's JavaScript code, taken from a browser-based code editor, in order to prevent application slow down due to any faulty code that the user may have entered.
- Built custom Code Mirror component to accept JavaScript input and redirect code snippet to Web Worker for validation.

EDUCATION

CodeSmith | Full Stack Immersive Program   2018
Santa Monica College | A.A. in Computer Programming   2017
California State University Stanislaus | B.A. in Criminal Justice - Concentrating in Forensic Science   2014

INTERESTS

Flying Hot Air Balloons (FAA Commercial Pilot License rated in Lighter than Air) || Weaving Chainmaille Tapestries || Archery || Sailing the High Seas (Bar Manager ~2017-Current~ at South Coast Corinthian Yacht Club) || Curling up by the Fire with a good Book || Gazing at the Stars