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Kevin Loi

Profile

Front End Developer with nearly 3 years of experience building single page applications with modern technologies, specializing in ReactJS. Continuously learning to keep up with new technologies like ECMAScript, React 16, and more. Focuses on creating elegant solutions, specifically to improve user interface, along with user experience.

Skills

Front-End: HTML | CSS | JavaScript | jQuery | Bootstrap | d3.js | React.js | Material-UI | MobX
Back-End: Python | Node.js | MongoDB | Express.js | NoSQL | PostgreSQL
Other Knowledge: Git | Agile Development | RESTful API | Figma | Tableau

Experience

Front-end Developer (Murj)   DEC 2018 – Present
- Resolved JIRA tickets by pushing changes to Git concerning front-end changes in React
- Implemented new and updated features to the front-end in a timely manner using React, improving overall user experience
- Practiced agile scrum methodologies with a product manager and a team of engineers
- Collaborated with designer to develop wireframes for applications, opening up new opportunities for the company
- Quickly learned and used Tableau to create and improve visualization for Murj data analytics

Software Engineer Intern (WalkThru)   JAN 2018 – APRIL 2018
- Refactored template-engine, which builds popover templates for creating interactive guides for client websites
- Completed detailed documentation and refactor code that manipulates the client-facing interface
- Contributed to innovation of client specifications and feedback into a refined, robust and scalable application

IT Solutions (Ameritech Computer Services)   JUNE – SEPTEMBER 2016, 2017, 2018
- Developed and Implemented User Interface for company website using 1and1.com to increased sales and business
- Created 2 different prototype websites. One using React.js. The other, using Node.js.
    - Refactored company website for better Search Engine Optimization.
- Collaborated with an onshore team to establish a prototype e-commerce site to sell products and increase business
- Demonstrated versatility by assisting the sales department in customer service and managing orders

Orientation Leader (UC Santa Cruz)   JULY – AUGUST 2017, 2018
- Provided a welcoming and energetic environment towards incoming students, families, and friends
- Managed and facilitated the closing session of the Orientation program for new transfer students and families
- Collaborated with a myriad of teams to set up and break down multiple activities during summer orientation
- Assisted incoming students in navigating through school website to enroll in classes

Education

UC Santa Cruz   Graduated: June 2019
- Major: Computer Science, Bachelor's
- Minor: Technology & Information Management

Projects

TaskCatcher (2019)

Mobile application solution that builds a bridge between college students that have a desire to gain experience, and employees that have too much tedious work on their plate. Students have the ability to search and send applications to employers in need of load management. Employers have the ability to post tasks for students to complete. Developed solutions by conducting and dissecting interviews with college students and recent graduates regarding their careers. Created **Low Fidelity Prototype** and **High Fidelity Prototype** and tested each with real users to maximize **user experience.** Developed prototype mobile application using **Figma**.

Tipsy Trials iOS (2018)

iOS Application that allows users to test their cognitive skills while under the influence of alcohol. Implemented a stopwatch to test drunkness. Applied **Scrum** practices (scrum meetings, reviews, retrospectives) to maintain constant progress through a period of time. Developed **coding standards** and **style guides** to maintain consistency and clean code throughout the development process. Implemented **Firebase** to the application. Produced scripts in application to retrieve data and write data to and from Firebase Database.

Cannabis: Emotions and Medical Relief (2018)

Website that visualizes the purpose of cannabis use, using a Sankey Diagram. Familiarized myself with **D3.js**. Styled web page by creating story, title, and labels. Implemented click function to nodes on Sankey Diagram, and produced scripts for clickable nodes to display highlighted links for better visualization using **JavaScript**. Produced data sources and citations using **Bootstrap CSS**.

Starving Slug (2018)

Web Application that allows users to share, edit, and delete their own recipes, as well as comment and rate others' recipes. Established models for database collections in **MongoDB** to manage and retain data between routes. Followed **RESTful** principles for getting, posting, patching, and deleting data using **ExpressJS.** Constructed unit test functions using **Mocha** to ensure all API functions were properly implemented.