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Kevin Loi

Profile

Web developer with a passion for creating elegant solutions. Developed a company websites, a prototype ecommerce store, and a personal web portfolio. Currently a full time student at UC Santa Cruz, looking to share and further pursue my knowledge in web development.

Skills

JavaScript | jQuery | Python3 | HTML5 | Node.js | Bootstrap | MongoDB | ExpressJS | MySQL | NoSQL | PostgreSQL | Git | GitHub | d3.js | Swift 4 | React.js

Experience

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 Intern (Ameritech Computer Services)   JUNE – SEPTEMBER 2016, 2017, 2018
- Developed and Implemented User Interface for company website using 1and1.com. 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 ecommerce 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   Expected Graduation: June 2019
- Major: Computer Science, Bachelor's
- Minor: Technology & Information Management
- GPA: 3.59

Projects

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 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 allow 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.

Portfolio (Current)

My personal webpage built to acquire knowledge in web development. Created content with **HTML5.** Styled web page using **CSS3**. Designed page layout with **Bootstrap** grid system. Implemented smooth scroll transition and fade-in animations using **jQuery.**