

Kevin Loi

Profile

Hard-working web developer with a passion for creating elegant solutions. Developed a company website, 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.

Experience

Software Engineer Intern

WALKTHRU INC. | 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

- Developed and Implemented User Interface for company website using WordPress. Increased sales and business
- Collaborated with an onshore team to establish a prototype ecommerce site to sell products and increase business

Orientation Leader

UC SANTA CRUZ | JULY – AUGUST 2017, 2018

- Provided a strong first impression of the school to welcome incoming students, families, and friends
- Collaborated with multiple teams to set up, and break down activities during summer orientation
- Assisted incoming students in navigating through school website to enroll in classes

Education

UC Santa Cruz

September 2015 – Present | 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 drunkenness. 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 (2018)

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**.

Skills

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