

# Kevin Loi

## Profile

Front End Developer with a passion for creating elegant solutions. Developed a company website, a prototype ecommerce store, and a personal web portfolio. Specializes in ReactJS and responsive design to improve user experience.

## Skills

**Front-End:** HTML | CSS | JavaScript | jQuery | Bootstrap | d3.js | React.js | Bootstrap | Material-UI | MobX

**Back-End:** Python | Node.js | MongoDB | Express.js | NoSQL | PostgreSQL

**Other Knowledge:** Git | Agile Development | RESTful API | Figma

## Experience

### User Interface Engineer Intern (Murj)

DEC 2019 – Present

- Resolved JIRA tickets by pushing changes to Git concerning front-end fixes 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 in weekly sprint meetings
- Collaborated with Chief Experience Officer to debug the web application, improving the overall user interface

### 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. 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
- GPA: 3.61

## 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 solution 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 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**.

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### **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.