

JONATHAN LAW

(909) 282-9009 | LawJonathan17@gmail.com | GitHub /  : LawJonathan17 | Irvine, CA

EDUCATION

University of California, Irvine

Candidate for Bachelor of Science in Computer Science

Expected Graduation: June 2018

GPA: 3.42

Honors: Dean's Honors list (5 Quarters)

- Association of Computing Machinery Member

EXPERIENCE

Garmin International | Software Engineer Intern – (Diamond Bar, CA)

January 2017 – Present

- Developed graphical user interface pages for embedded systems with a Linux environment using C++ and QML
- Contributed to BMW Motorrad Navigator VI's software releases by resolving bugs on audio and navigation
- Created a software design document for the addition of supporting auxiliary audio in the embedded systems by gathering requirements from internal stakeholders, documenting the internal architecture, organizing the implementation of the software into individual tasks, and created test cases to fulfill the requirements
- Developed a functionality for accepting or rejecting a video push request between the embedded system and a tablet
- Code reviewed and verified other team members' code using Gerrit
- Gained working experience with C++, QML, Git, Agile and Scrum methodologies, large codebases, debugging

PROJECTS

Fantasy Basketball Wizard – (Google Chrome Extension, FireFox Add-on)

December 2017 – Present

- Fantasy Basketball Wizard is the #1 Google Chrome Extension for Fantasy Basketball which makes the Fantasy Basketball experience simpler by providing tools for over 1,500 users
- Managed and developed for the entire ESPN Fantasy Basketball side of the product
- Implemented the functionalities to show a color-coded number of games a player has for a selected week and a total count for the entire team to allow the user to not have to manually count the number of games to determine if they have an advantage over their opponent

Fabflix – (Web Application)

April 2017 – June 2017

- Fabflix is a movie e-commerce web application which allows users to purchase and search for movies
- Developed back-end Java Server Pages that communicates with the database using SQL and returns JSON objects to be interpreted by the front-end code
- Reduced the execution time of parsing large XML files containing thousands of units of data that populate the MySQL database from over 15 minutes to 7 seconds

WebSoc+ – (Google Chrome Extension)

August 2017 – December 2017

- WebSoc+ is a Google Chrome Extension that provides a link to an instructor's page on RateMyProfessors.com next to the instructor's name on UC Irvine's schedule of classes to allow students to register for classes more efficiently

SKILLS

Languages: C++ (Proficient), JavaScript (Familiar), Java (Familiar), Python (Prior experience), C (Prior experience), QML (Familiar), SQL (Familiar), HTML (Familiar), CSS (Familiar),

Other: Object-oriented programming, Data structures, Algorithms, Git (Git Extensions, Git GUI, GitK), Qt, JIRA, Gerrit, Agile, Scrum, Code review