Jansen Yan

2044 Ticonderoga Drive   (650)-200-7928
San Mateo, CA 94402   yanjl@uci.edu

Education

University of California, Irvine   **(Present - June 2018)**
Major: Computer Science
Cumulative GPA: 3.5
Expected Graduation: June 2018

Coursework

Next Generation Search Systems   Network Security
Database and Web Application Development   Concepts of Programming Languages
Machine Learning and Data Mining   Operating Systems

Relevant Experience

Software Development Internship   **(June 2017 - Sept 2017)**
Reazon Systems (Santa Ana, CA)
- Utilized SQL and Coldfusion to create new features for the main product RCampus, an online education management system that assists participating schools with student assessment, course management and grading.
- Collaborated with fellow interns to integrate core components of RCampus with the Student Teacher Education Program (edTPA) at Pearson - Higher Education.
- Gained experience working in an Agile Development environment with code reviews, and use of Source Control.

Undergraduate Lab Tutor   **(Mar 2017 - Mar 2018)**
University of California, Irvine (Irvine, CA)
- Seeks to build student's understanding in Computer Science fundamentals and debugging.
- Weekly meetings with professors to evaluate lab sessions and create teaching material.
- Classes tutored: Intermediate Python Programming, Intro to Java Programming.

Skills

- Proficient in Object Oriented Programming with Python and Java
- Experience with Full Stack Web Development in Java, PHP, Coldfusion, SQL, HTML, JQuery.
- Course experience with Machine Learning and Data Science tools such as Matplotlib, Numpy, Scikit-Learn.
- Course experience with Data Structures and Algorithms, C/C++, Linux OS.
- Experience with Source Control such as Github, TortoiseSVN, Winmerge.

Projects

Friendzone Android Application   **(Jan 2018 - Present)**
- Friendzone helps its users organize hangouts with nearby friends.
- Users will create a "hangout report" by choosing their desired activity, amount of time available and desired hangout location, and their nearby friends will be able to see their report and join their hangout.
- Utilizes Yelp Fusion API, Google Places API for recommendation and search for desired meetup locations, and Firebase (with Geofire) as a realtime database with user accounts and geosearch capabilities.
- Developed in Android Studio and Java.

Personal Website   **(Jan 2017 - Present)**
- Currently designing and updating portfolio website using HTML, W3 CSS and Javascript.
- Focusing on self-learning and applying frontend knowledge.
- Link: https://jyan500.github.io

Fabflix Online Marketplace   **(Mar 2017 - June 2017)**
- Collaborated with team to create an online movie marketplace with Java EE.
- Utilized HTML/CSS/JS, Ajax and JSP to improve user interface and create features such as user account login, movie display, autocomplete search, and online checkout.
- Deployed Amazon Web Services EC2 instance to host website.
- Optimized website performance using MySQL Master-Slave Replication and Connection Pooling.