Brenda La

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EDUCATION

University of California, Irvine   Anticipated graduation date: June 2018
Bachelor of Science, Computer Science
GPA: 3.728; Dean's List, 11 quarters

SKILLS

Languages: Python, C++, HTML,CSS, Java, MySQL
Computer: Microsoft Word, PowerPoint, Windows, Mac OS X
Languages: Cantonese (conversational), Mandarin (conversational)

EXPERIENCE

Web Development Apprentice   January 2018 - Present
The Portal, Irvine, CA
- Working on a task management system using PostgreSQL as the database and writing unit tests for the backend, using Mocha and Chai, and the frontend using TestCafe
- Created a basic content management system and twitter clone using MongoDB as the database
- Utilizing HTML, CSS, jQuery, Ajax, Node.js, ExpressJS, EJS and building a server-side API

Front-End Developer Intern   March 2016 - December 2017
Schoolr, Irvine, CA
- Used HTML and CSS to style application pages for a startup tutoring application that is compatible with Android and iOS
- Met weekly with the development team to discuss the progress of the app as we use agile software development life cycle
- Contributed to brainstorming, innovation, and user experience optimization in meetings

PROJECTS

Collective Conscience   January 2018-March 2018
- Collaborated with 5 other women to create an application that raises awareness of sexual harassment
- Self learned Ionic to implement a native application using Ionic components, HTML, CSS, and Javascript
- Utilized Google Maps API and Firebase to implement a crowdsource based application

SendGrid BloomFilter   September 2017 - December 2017
- Collaborated with 4 other interns in UCI's Capstone Experience Program with SendGrid to build a system in GoLang that uses an implemented bloom filter for email suppression
- Created a server-side API to interact with the bloom filter
- Made a test database in MySQL that contained all of the email suppression data in order to not violate CAN-SPAM rules

Fabflix   March 2017 - June 2017
- Worked with 2 other students to create an eCommerce website for movies and a basic Android application
- Worked with Tomcat, MySQL, and deployed website on Amazon Web Services
- Used Java Server Pages and Java Database Connectivity Program
- Added security using HTTPS and reCaptcha and scaled Fabflix by setting up master and slave instances and enable load balancing