

Sherry Cha

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Objective A challenging full-time software engineering position in web development.

Experience

Nowent Inc. Internship

Feb – Sep 2012, July – Aug 2013

- Developed a complete restaurant website template with online ordering, reservation, and Facebook login capability using JSP, HTML, CSS, JavaScript, Tomcat, and Oracle Database
- Designed and created the signup/login process for CampusZilla, an online campus-based social network
- Created NewsForCRM, a Salesforce newsfeed app that uses the Yahoo BOSS API and Force.com platform
- Designed and developed the NewsForCRM promotional website using HTML, CSS, JavaScript, and Java
- Designed and developed a blog and design-portfolio template for a web generator software
- Developed InternRight, an online career fair website, using JSP, HTML, CSS, Javascript, Tomcat, and Oracle database
- Worked with Tomcat to host websites on the Amazon EC2 web service

Personal Projects

Dota2Pov Website

Summer 2014

A website showcasing a large collection of Dota2 game replay videos with advanced features such as hero matchups, player event timelines, and detailed game statistics. <http://dota2pov.com/>

- Developed various web components using Jade, SASS, JavaScript, React Components, Node JS, Express, and MySQL
- Created an event timeline feature that displays clickable key player events that updates the replay video location in time
- Stylized and developed a table and graph that compares game and player statistics using D3.js and React
- Familiar with various Amazon web services such as ElastiCache, Elastic Beanstalk, S3, and SQS

Monitor Dashboard Website

Summer 2013

A web application designed to allow users to create custom alarms and alert the user in real time of incoming events provided through Push Services

- Designed and implemented the user interface using Bootstrap, AngularJS, AngularUI, HTML, CSS, and JavaScript
- Architected the backend server using Node JS and Express, and implemented a REST Service using Java

School Projects

CookPal Android Application

Fall Quarter, 2014

An app that allows users to create recipes in an organized cookbook and provides voice and timer assistance while cooking

- Coordinated with Git/Github and designed various user interface features and activities using Android Studio

Online Shopping Analytics Website

Spring Quarter, 2013

- Created an online shopping website that provides sales analytics using JSP, AJAX, HTML, CSS, Javascript, Tomcat, SQL

ILostIt Website

Fall Quarter, 2012

A website designed for users to help each other locate lost/missing items. <http://ilostit.herokuapp.com/>

- Developed the website using Ruby on Rails, and designed the user interface using HAML, CSS, Foundation Framework

Nutrition Android Application

Winter Quarter, 2012

An app designed to keep track of nutritional intake and goals, and allows users to maintain an inventory of their food.

- Designed and implemented the app's user interface, database structure, and various activities/classes

Skills

Web: HTML, CSS, JavaScript, jQuery, AJAX, JSP, SQL, MySQL, PHP, Tomcat, Oracle database, React, Node JS, Express, Q, Jade, SASS, Foundation, Bootstrap, AngularJS, AngularUI, Underscore.js, D3.js

Programming: Java, C++, C

Platforms: AWS, Force.com platform, Android SDK

Tools: Eclipse, Firebug, Android Studio, Photoshop

Other: JSON, XML, Git, SVN, Bitbucket, GitHub, Assembla, JIRA

Education

University of California San Diego, CA
Computer Science Major

2010 – Dec 2014