Chicheng (Bill) Zhou

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Summary

Objective: Looking for a new graduate front-end/web engineer position. Able to start to work immediately.

Master student in Computer Science and Engineering, interested in web/front-end development. Have good understanding of JavaScript, HTML/CSS, Java. Experience with MVC(Ember.js), JQuery, Bootstrap, AJAX, Restful API, Oracle/mongo database. A self-motivated person and good team player.

Education

School of Engineering, Santa Clara University   Dec 2015
Master of Science, Computer Science and Engineering   **GPA: 3.7/4.0**
School of Information and Control, Nanjing University of Information Science and Technology   Jun 2013
Bachelor of Engineering, Electrical Engineering   **GPA: 3.6/4.0**

Project Experience

Booklist App, *Web App developer*   Winter 2016
Link: https://github.com/billzhou0223/Booklist-ember
- Created a web-based, single-page booklist app in Ember.js to help people manage their books. Features include searching books by different query criteria, creating new books, editing books, rating and making notes.
- Created a back-end, restful system in Node.js(Express framework) and designed Restful API for client side to fetch, create, update, delete books.
- Designed a schema in mongoDB to store all the information of books.

Weather App, *Web App developer*, Santa Clara University, CA   Winter 2015
Link: https://github.com/billzhou0223/weatherapp-ember
- Developed a web-based and single-page weather app using HTML, CSS, JavaScript and jQuery.
- Converted this app into MVC pattern by using Ember.js.
- Fetch real-time weather data from *forecast.io* API by using AJAX.

Map Query System, *System Design Engineer*, Santa Clara University, CA   Fall 2015
- Implemented a map search system in JAVA which contains geographic information of campus.
- Read data from local files and converted it into Oracle Spatial Data Type. Designed a schema in Oracle database to hold these data.
- Utilized Java spatial APIs and SQL to query database based on different criteria.

Working Experience

Front-end developer Intern, Hanhai Investment Inc, San Jose, CA   Jun-Aug 2015
- Redesigned and upgraded the website. Greatly enhanced my skills in JavaScript, HTML, SASS, jQuery.
- Took advantage of Bootstrap to simplify development and beautify the website.
- Added new features to the website based on the business requirement.

Skills

Language: Chinese (Mandarin), English.
Programming: JavaScript, HTML/CSS(SASS), JQuery, Ember.js, Restful API, Bootstrap, AJAX, Java, SQL, Git.
Database: Oracle, mongo.
Platform: Windows, MacOS.