

ZHENGUO GAO • 325W Adams Blvd, Apt 4008, LA, CA •(213)706-1391 •**zhenguog@usc.edu**

Technical Skills

- Programming Language: Java, C, C++, SQL, HTML, CSS, Java Script, PHP, Swift,
- Application: Spring, Struct2, Hibernate, J2EE, XML, Ajax, JSON Database, MySQL, Oracle, JDBC, Android, SQLite, JUnit, Unity, Git, Geospatial, Qgis, GCM, AWS
- Operating System: Windows, OS X, Linux

Education

- **University of Southern California**, M.S. Computer Science 08/2015 - present
- **Harbin Institute of Technology, Weihai, China** , B.S. in Software Engineering 09/2011 - 06/2015
- **Relevant courses:**
 - Analysis of Algorithm •Database System •Object-oriented Programming •Computer Network
 - Operating System •Software engineering •Mobile Games Development •Data Structure

Career History

Software Engineer, Hewlett-Packard Co., Ltd -- Beijing, China 05/2014 - 08/2014

- Improved the degree of personalization and accuracy of the mobile advertising push according to the users' appetite inferred by mobile phone log data.
- Solved the collaborative filtering cold-start problem by comparing the target user static information with this user's neighboring communities and improved the processing speed of the system through clustering the users' interest value;
- Designed the system based on the framework of Scrapy and Graphite in summary and detail, and conducted unit testing and acceptance testing.

Software Engineer, Dalian East Software Co.,Ltd -- Dalian, China 06/2015 - 09/2015

- Implemented a communication system with MVC and stored data into MySQL database using JDBC.
- Designed and Implemented the function of receive message, write message, search for history messages.

Software Engineer, MUCFC-- Shenzhen, China 06/2013 - 09/2013

- Implemented a hotel management system with PHP and MySQL database.
- Designed and created the response mechanism by javascript, CSS, and HTML together.

Academic Projects

Online bookstore System -- Shandong,China 02/2015 - 06/ 2015

- Designed the system based on the .Net framework and MySQL database.
- Realized the UI of the system by CSS, completely achieved a popular online bookstore by C#.

Departmental Training Management System -- Shandong,China 09/2014 - 12/ 2014

- Designed the system based on the J2EE development standards and divided the system into view layer, controller layer, service layer and the persistence layer with detailed database and class design based on the Spring MVC.
- Realized the backgrounds of the system by object oriented design, and for the front web pages by some other languages such as FreeMarker, javascript, html, in the B/S mode.

"I'm going to study" on Android -- Shandong, China 04/2013 - 06/2013

- Designed and Implemented a Android application which can be used for search a suitable class room to study.
- Allow the users or managers to sign up, login in and post their idea of different class room, finding the class room that is suitable for study or vacant using HashMap and some other Algorithm.

Similar Handwriting Chinese Character Discrimination System-- Shandong,China 09/2012 - 12/2012

- Required knowledge about Machine Learning to classify the different handwriting picture with highly discriminative Attributes, then classify it with those learned attributes.
- Implemented the distract of pixel from the and preprocessing of the picture.

