**Jack Cai**

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**Technical skills**

Programming languages: **Java**, JavaScript, R, SQL, Python

Front End: **JavaScript**, **JSP**, **HTML**, JQuery, CSS, Easy-UI

Back End: **Hadoop**, **Hive, Hue**, **Spring**, **Hibernate**, MyBatis, Struts, **J2EE**, **SOA**, **REST**, **AWS**

Database: MongoDB, HDFS, MySQL, MS SQL Server, Oracle, Amazon RDS

Tools: **IntelliJ**, **Jason,** Maven, JUnit, FindBugs, Glassfish, Putty, WinSCP, **Scrum, Git**

**Education**

**Master of Science, Information Technology.** California Lutheran University **GPA: 3.6** Graduated on Aug 2017 **Bachelor of Science, Computer Science.** Shanghai Second Polytechnic University Graduated on Jul 2013

**Project Experience**

***Software development Engineer*, Toolots Inc., CA, United States** May 2017 - Jul 2017

* Designed data architecture for Android APP and developed futures of customer’ orders info by **REST API**
* Ingested customer data and analyzed the changing tendency of the distribution of customers
* **Visualized** the distribution of customers’ information by phone number using Tableau

***Content Review Analysis for Amazon Comments,* Research Assistant, CLU, CA** Apr 2016 - Mar 2017

* Used **Hadoop** Data Platform to access and read text files stored in the Hadoop Distributed File System
* Utilized **MapReduce** and **Distributed Cache** patterns to **understand the content of text** and **predict** reviewer **sentiment** ofpositive or negative **tendency** by thousands of **sensitive** emotion **keywords**
* **Visualized** the distribution average rating of customers’ satisfaction, customers’ complaint points, the dynamic tendency of reviews from 9 GB data and offered a solution of improving users’ experience

***Financial Product Trading System,* Technical Leader, Infosys, China** Apr 2015 - Oct 2015

* Lead the effort to design and develop bond trade system, which used for the Oriental Securities Inc.
* Designed and developed APIs for front-end which used for .Net framework
* Tracked project schedule and customer’s feedback

***Walmart Customer Service Call Center,* Software Engineer III, Bleum, China** Dec 2013 - Apr 2015

* Developed a customer service system for Walmart by using **Struts**, **Hibernate** frameworks and **Oracle**
* Designed and implemented a replacement flow by **Java**, which impacts 10% customers
* Investigated and used **troubleshooting** skills to resolve root causes issue from the error logs
* Adopted **JIRA** and **Scrum** in the Agile projects with fast-learning ability and acute insights

***Merck Sales Management System,* Java Software Engineer, Cognizant, China** Apr 2011 - Aug 2013

* Designed and developed a sales management system by using **Java**, **Struts**, Spring and Hibernate
* Implemented an automatic distribution email platform, which can run scheduled tasks to support 5,000 users
* Developed a new application flow of doing budget plan online and analyzed statistical data from **Oracle**