# Hongzhi Li

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## Objective

To obtain a challenging Internship position in the field of Computer Science.

## Education

**Univeristy of Southern California**                                                                 *Los Angeles, CA*

Master of Computer Science                                                                             *Expected May 2015*

**Xidian University**                                                                                               *Xi'an, China*

Bachelor of Software Engineering                                                                       *Jul. 2012*

## Skills

- Computer languages          C/C++, Java, SQL, Xquery, JavaScript, PHP, HTML, CSS
- Operating Systems             Windows, UNIX/Linux
- Database Management Systems     MySQL, SQL Server

## Work Experience

**Huawei Technologies,** Shenzhen, China                                                        *Dec. 2012-May 2013*

**Signalling Department, Software Engineer**

- Developed plugin packages for signaling processing system(version R7) using C++ and XML (~4K lines), enabled it to apply USCDB which supports data storage for at most 300 million users in India.
- Improved code coverage of signalling department from 28% to over 60%, collaborating with the QA team (5K+ test cases).

## Projects

**Stock Market Search**                                                                                         *Apr.2014*

- Designed and developed a stock market search website using Yahoo Finance & Facebook Mashup. (Ajax, Java servlet, Javascript, HTML/CSS, XML/JSON)
- Transplanted this website to Android platform with a combination of the Android SDK and the Facebook SDK.(Java & Android)
-  http://cs-server.usc.edu:35366/examples/servlets/StockMarketSearch.html

**USC Mission Science Information System Enhancement**                             *Feb. 2014- Apr.2014*

- Designed and implemented Project Print Management component that provides flexible printing methods for faculties to tailor and print projects.(VBA, SQL, MS Access)
- Developed project merge function that allows the system administrator to merge similar projects.

**Hadoop Distributed File System For Windows**                                           *Mar. 2012-Jun. 2012*

- Analysed the design and architecture of HDFS through source code, and transplanted HDFS to Windows.
- Rewrote the incompatible code and startup scripts of HDFS for Windows.
- Added datanodes deployed on Windows into the HDFS cluster successfully.

**Social Network Stock Prediction**                                                                   *Jul. 2011-Aug. 2011*

- Collected microblogging statuses of stock crowd through OpenAPI; analyzed statuses to judge their views on the stock market; predicted stock market fluctuations with a related algorithm.
- Took charge of modeling and information fetch component (pull statuses and information of users and their subsequent followers by API). (Java)