

# Biao Li

[firstway@gmail.com](mailto:firstway@gmail.com)

(732)331-7568 (cell)

[www.linkedin.com/in/firstway](http://www.linkedin.com/in/firstway)  
900 Davidson Rd Apt 143, Piscataway, NJ 08854

## SUMMARY

- Expert in programming in **Linux** and Strong knowledge of Linux/Unix **operating system**.
- +5 years solid Industrial experience in **C/C++, Java and Python**. A big Fan of GoLang.
- Solid years industrial experience in **large-scale, distributed** system
- +3 years industrial experience in **big data** processing, such as **MapReduce, Hadoop**, Hbase.
- Deep understanding of **networking** and Good at **network programming**, from IP, TCP to HTTP.
- Excellent team worker with superb interpersonal skills.

## WORK EXPERIENCE

### Alibaba Group ([alibaba.com](http://alibaba.com))

Jul 2007-Mar 2012

Sr. Software Engineer

Hangzhou, China

- Designed and developed big data processing system for **Alibaba's** search engine, which processed high-volume data (TB-scale) and was built on top of Hadoop, Hbase and other related technologies.
- Designed and developed management system to deploy and coordinate the distributed applications.
- Maintained big data processing system and improved reliability and performance of these services which serve several hundred million customers all over the China.
- Member of the core group who make decisions of designing, deploying and upgrading these large-scale systems.

#### - IData Project

*A big data processing system for Alibaba's search engine which combined big table data(TB-scale) into structured data conforming to business rules. It was built on top of Hadoop, Hbase and Zookeeper. This system offered data service for search engine and other teams. It processes hundred million records at one time as well as incremental updates. This service was used indirectly by the end customers all over the China.*

- My roles and responsibilities: Architect of this project; Designed the architecture and implemented the crucial part of the system.
- Keywords: **Big Data, Hadoop, MapReduce, Java, C++, Python.**

#### - Launchpad Project

*A management system which is designed for controlling big data processing system and Alibaba's search engine. It made the maintenance of clusters more automated and efficient. This system was widely used in dozens of production clusters. The typical size of a cluster was more than several hundred machines. The systems in these clusters offer service for the several hundred million customers all over the China.*

- My roles and responsibilities: Led the project team of 4; Designed the architecture and implemented crucial part of the system.
- Keywords: **Linux, large-scale, distributed system, C/C++, Python.**

## EDUCATION

### Rutgers University

Master of Science, Computer Science

May 2015 (Expected)

New Brunswick, NJ

### Nanjing University

Master of Engineering, Software Engineering

June 2007

China

### Wuhan University

Bachelor of Engineering, Software Engineering

June 2005

China