Lixin Zhang

Gender: Male **Tel:** 13810774384 **Email:** zhanglixinseu@gmail.com

Education:

- **Beihang University(Beijing, September 2012)**
  - **Master of Computer Science (Now)**
- **Southeast University (Nanjing, September 2008)**
  - **Bachelor of Software Engineering**

Major Courses: C++, Python, Data Structures and Algorithms, Network Programming, OS, Principle of Compiling, Software Project Management, Data Mining, Machine Learning

Scholarship: The National Encouragement Scholarship in 2009 and Course Scholarship.

Skills:

Programming Languages: C, C++, python and SQL

Operating System: Mac OS, UNIX-style OS, windows

Engineering Interest: Web Development, Network Programming, Mysql, system architecture

Research Interest: Computational Advertising, Recommender System, Data Mining, Cloud Computing, statistical learning methods.

Intern Experience:

- **Alimama Advertising Team**, Beijing (2012,11 ~ 2013,5) **Research and Development Engineer**

  During the early internship, I worked as R&D intern in the Cloud Recommendation Team. Worked on analyzing the recommendation results using different recommendation algorithm. Later, the whole team joined in Alimama displayed advertising technology team. Worked on online advertising, recommendation facing advertisers and user targeting based on multiple dimensions interest points.

- **Taobao**, Hangzhou(2011,7 ~ 2011,9) **Web Development Engineer**

  Work at business security department. I was responsible for development and optimization on web applications in taobao.

- **Innovation Works- Xingyun(行云) Web**, Beijing (2012,6 ~ 2012,9) Software Development Engineer

  Xingyun provides cloud computing service for network game companies. I worked on development on PaaS and designed and implemented a server cluster management platform which helped users manage their cloud machines conveniently.

Project Experience:

- **Distributed Web Crawler** (Excellent graduate design paper, network programming, C++, linux)

  This project introduces Consistent Hash algorithm, which is used to solve the strategy of URL partition, hot-spot problem and load balancing between web crawler nodes and ensure that the distributed crawler has good scalability, balancing, fault tolerance. And it designs and implements a URL queue based on Mercator model and solutions to large-scale URLs deduplication, DNS resolution, page crawling and parsing using a thread pool and some other key problems are given.

- **Server cluster management platform based on Scripts** (python, mysql, pexpect, sqlalchemy, linux)

  This project regards multiple ordered scripts sequence as a task. It copies scripts to remote machines to execute automatically. It helps users manage server clusters conveniently.

- **Some other website projects.**

Competition:

- Yahoo Hack Day in beijing (2013)   The Best Creativity Award (Top 6 / 50)   2013,05
- The ACM-ICPC Asia Regional Contest Harbin Site 2010   Honorable Mention   2010,09
- The 3th National College Students Software Design Competition   Winning Prize(Top 30)   2010,12
- National Olympiad in Informatics in Province(Liaoning)   The Second Price   2007,09