



## Personal Information

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Gender: Male

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## Educational Background

2012 – 2015 **M.S.**, University of Electronic Science and Technology of China , ChengDu, Top 30%. Control Engineering.

2008 – 2012 **B.S.**, Chengdu University of Information Technology, ChengDu, Top 10%. Communication Engineering.

## Personal Skills

Main Skills • Academic ability: 4 papers; 1 papent.

• Programming language: expertise in Java, and familiar with Python, SQL, C/C++.

• Algorithm: know the basic data structures and algorithms.

• Machine learning algorithm: once developed Logistic Regression, Random Forests、GBRT、SVD++ on ODPS.

• Distributed System: implemented a simple HDFS, and developed MapReduce.

• Image processing: familiar with the basic method of object recognition.

English Skill • CET-6 (score: 524) and good writing English.

• Participate in translating the book of “*Professional Hadoop Solutions*”.

## Research Experience

2014 – 2015 **The development of fire alarm system using pattern recognition algorithms**

• Description: 360-degree panoramic images are captured and sent to the terminal. Then the images are checked to find out whether there is a fire.

• Responsibilities: project leader. To achieve overall design of the monitoring system. Responsible for image processing and fire recognition algorithm.

2013 – 2014 **The development of landslide prediction system based on Verhust model**

• Description: Information about landslides is collected from the sensors. Data is preprocessed and then adapted to the Verhulst Model for early warning.

• Responsibilities: project leader. Achieved the design of landslide monitoring system. Use Verhulst model for early warning. Wrote **3 papers and got 1 patent(201310661203)**.

## Awards, competitions and other experiences

Scholarship • First grade scholarship for 1 time, second grade scholarship for 3 times.

Competition Alibaba big data competition

• Description: There are 7276 teams. Using distributed ODPS to access the big data(570 million items and 10 million users), and get the result through machine learning algorithm and MapReduce.

• Responsibilities: model design and feature extraction using ODPS-SQL, ODPS XLab, Python, Java.

• Performance: Ranked No. 84. **Wrote 1 paper about SVD++.**

- Competition • Electronic Design competition: province second prize.
- HDFS Realization • Achieved the basic functions of HDFS using Java and Python: upload, download, delete and so on.
- Weibo Application • Developed an app upon the Weibo API in cooperation with my friends. using JavaScript, HTML and PHP.

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## Self-assessment

- Study Learned a method through projects and competitions: theory -> practice -> theory (papers).
- Character Integrity and diligence, with a strong sense of responsibility and good team-spirit.