



# Yancheng Jia

## Personal Information

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Gender: Male

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Birthday: 1987-01-06

## Educational Background

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

2008 – 2012 **B.S.**, Chengdu University of Information Technology, ChengDu, Grade: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: once realized a simple HDFS, and developed MapReduce.
- Image processing: familiar with the basic method of image recognition.

### English Skill

- CET-6 (score: 524) and good written English.
- Participate in the book tranlation of *Professional Hadoop Solutions*.

## Research Experience

2014 – 2015 **The development of forest fires identification algorithm and system**

- Description: 360-degree panoramic images are captured and sent to the terminal. Then images are processed and fires are identified.
- Responsibilities: project leader. To achieve the overall design of monitoring system. Responsible for image processing and fire recognition algorithm.

2013 – 2014 **The development of landslide prediction model and system**

- Description: sensors collect the data about landslides. After data processing, use Verhulst model for early warning.
- Responsibilities: project leader. Achieved the design of landslide monitoring system. Use Verhulst model for early warning. Wrote **three papers and one patent(201310661203 )**.

## Awards, competitions and other experiences

### Scholarship

- First grade scholarship for 1 times, second grade scholarship for 3 times.

### Competition

Alibaba big data competition

- Description: There are 7276 teams. Using distributed ODPS to visit the big data(570 million items and 10 million users), and get the result through machine learing 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 • Cooperation with others to develop a simple Weibo application 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 Diligent, with a strong sense of responsibility and good team-spirit.