

# Jason Ding

*To apply for the intern*

Room204,Xi Qu  
Huazhong University of Science and Technology  
Wuhan,China  
☎ +86 18771086761  
✉ ding1354@126.com  
📄 jasonding1354.github.io

## Education

- Since 2013 **Master**, *Huazhong University of Science and Technology*, Information and Communication Engineering, *Grade:86.7(Top 10%)*.
- 2008–2012 **Bachelor**, *Ludong University*, Communication Engineering, *Grade:87.8(Top 5%)*.

## Skills

- English CET-6
- Computer System Integration Project Management Engineer in Qualification Certificate of Computer and Software Technology Proficiency
- Tech Blog jasonding1354.github.io
- Competence I have experience with C++ and Python.  
I have excellent problem-solving skills, experience in object-oriented development.  
I have good comprehension of data structures, algorithms.  
I am familiar with the basic knowledge of machine learning.  
I am interested in data analysis.  
I have good skills of knowledge management,which I used to put my knowledge on the tech blog.

## Project Experience

- 2014 - 2015 **Video monitoring software platform system**, C++ OpenCV.

### Project Description

Video monitoring software platform system is aimed at building an intelligent platform,which supports multiple manufacturers' video monitoring device,supplies live and video on demand service,supplies recording and device management,in addition,face recognition function.

### Personal Work

- Implement video storage, fast query and recording schedule
- Implement taking picture based on frame, photo schedule
- In charge of the development of face tracking and face recognition function
  - Use AdaBoost,MeanShift,Kalman filter algorithm to track human face
  - Develop ActiveX control to collect face
  - Use parallel programming skills and similar search algorithm for face recognition

- 2013-2015 **Research on rapid speaker recognition**, C++ Python, National Natural Science Foundation.

### Project Description

The research on rapid speaker recognition is aimed at using voiceprint recognition technique to filter voice spam and detect abnormal.

### Personal Work

- Develop speech acquisition system based on the embeded linux systems
- Study the similar search algorithm in high dimension vector space,especially locality sensitive hashing algorithm

---

### Awards

- 2014.10 Zhi Xing scholarships of HUST
- 2014.09 Graduate students full scholarships of HUST
- 2013.09 Graduate students full scholarships of HUST
- 2012.06 Excellent graduates award of Ludong university
- 2011.08 Second Prize in Shandong division of national undergraduate electronic design contest
- 2011.07 First Prize in Shandong undergraduate mechanical and electronic products innovation design contest
- 2010.10 National motivational scholarship