

# Meng Xiangge

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## EDUCATIONAL BACKGROUND

**University of Science& Technology of China(USTC)**

09/2013-06/2017

Major: Electronic Engineering and Information Science

Expected Degree: Bachelor of Engineering

GPA: 3.75/4.3 (88.21/100)

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## STANDARDIZED TESTS

**TOEFL:** 107 (Reading:29+ Listening:28+Speaking:23+ Writing:27 )

03/26/2016

**GRE:** 327 (Verbal: 159+ Quantitative: 168,+Analytical Writing: 3.5)

08/26/2016

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## RESEARCH EXPERIENCE

❑ **Improvement on Current Image Binary Feature Descriptor Used on Image Retrieval**

06/2016-Present

Hefei, China

MOE-Microsoft Key Laboratory of Multimedia Computing, USTC

**Advisor:** Associate Prof. Wengang Zhou

- ✓ Enhanced robustness and recognition performance of image recognition under the condition of image rotation
- ✓ Wrote and ran program with Visual Studio and OpenCV
- ✓ Self-learned the Linux; Wrote network architecture and prepared data by using Matlab, and ran the network on the server in lab

❑ **Research on Wearable Gesture-Capturing Device and Intersection Control System**

06/2015-05/2016

Hefei, China

Neuromuscular Controlling Lab, USTC

**Advisor:** Associate Prof. Xiang Chen

- ✓ Android application development by using Java
- ✓ Designed the device and implemented nine kinds of hand-gesture recognition through different algorithms
- ✓ Ran the device by connecting with Android application, and the device performed the basic function of human-computer interaction

❑ **The Design of Elevator Model**

11/2014-05/2015

University of Science and Technology of China

Hefei, China

- ✓ Implemented the functions of elevator through controlling motor with singlechip
  - ✓ Drew the structure of the elevator with AutoCAD and determined the size of the every component
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## SCHOLARSHIPS& HONORS

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Outstanding Undergraduate Scholarship (Gold Prize)	2015
Kwang-Hua Scholarship	2014
AEGON-Industrial Responsibility Award	2014

## PROFESSIONAL SKILLS

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**Software:** Matlab, Microsoft Visual Studio, Eclipse, Delphi, Multisim, Origin, Torch

**Programming Language:** C/C++, SQL, VHDL, Assembly Language, Java

## EXTRACURRICULAR ACTIVITIES

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- ☐ Color Run 05/2015  
Responsible for taking photos and providing them to school newspaper
- ☐ Minister of Students Union 09/2014-06/2015  
Responsible for Publicity Department
- ☐ Environment Protecting-themed Activity 10/2013  
Organized the activity, and purchased materials