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)

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*

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

SCHOLARSHIPS& HONORS

Outstanding Undergraduate Scholarship (Gold Prize)   *2015*

Kwang-Hua Scholarship   *2014*

AEGON-Industrial Responsibility Award   *2014*

PROFESSIONAL SKILLS

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

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

EXTRACURRICULAR ACTIVITIES

❑ 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