

CURRICULUM VITAE



Personal Information

Name Haiqing Wang
Tel. +86 18223243433
E-Mail whqwill@126.com
Skype whqwill

Education

2009 – Present

RWTH Aachen University, Aachen, Germany
Software System Engineering (M.Sc.)

Main Courses : Computer Vision, Machine Learning,
 Data Mining, Speech Recognition, Object Oriented
 Software Construction, Implementation of Databases

2009 – 2013

Sun Yat-sen University, Guangzhou, China
Information and Computational Science (B.Sc.)

Main Courses : Mathematical Analysis, Advanced
 Algebra, Numerical Analysis, Operating Systems, Data
 Structures and Algorithms, Information Theory

Knowledge and Skills

Programming Languages and Tools

Python, C/C++, Java, Scala, CUDA C, Spark, Caffe, Shell

Foreign Languages (Mother tongue: Mandarin)

English: very good; German: basic

Honor

May 2011, First Prize

Guangdong Provincial Programming Contest of The
 ACM Asia Programming Contest

Experience

August 2015 – September 2016

**Internship and Master Thesis, Fraunhofer IAIS -
 Knowledge Discovery Group, Bonn, Germany**

Implementation polysemous word embedding
 algorithms on distributed computing framework.
 Language and tools: Scala, Java, Spark
 Report (Master Thesis):
github.com/whqwill/Resume/tree/master/m_thesis

October 2014 – August 2015

**Student Assistant, RWTH Aachen University - Pattern
 Recognition Group, Aachen, Germany**

Normalizing images by geometry transformation.
 Defining and training hierarchical Convolutional Neural
 Networks for image classification.
 Language and tools: Python, C++, CUDA C, Caffe

March 2014 – September 2014

**Student Assistant, RWTH Aachen University -
 Computer Vision Group, Aachen, Germany**

Seeking, Compiling, and Testing Computer Vision
 related algorithms. e.g Semi-Global Matching (Depth
 Map), Tracking by Detection (Kalman filter)
 Language and tools: C++, OpenCV

July 2012 – September 2012

**Internship and Bachelor Thesis, Zhejiang University -
 Pervasive Computing Laboratory, Hangzhou, China**

Applying Nonnegative Matrix Factorization on traffic
 data. Gaining vehicle driving features and using it to
 describe regional traffic situation.
 Language and tools: C, MATLAB
 Report (Bachelor Thesis):
github.com/whqwill/Resume/tree/master/b_thesis

Others

<https://github.com/whqwill/Resume>