

Education

- **Beihang University** *M.S. Software Engineering* 2012 - 2015
- **Beihang University** *B.S. Software Engineering* 2008 - 2012
- **Beihang University** *B.S. Applied Mathematics (Second Degree)* 2008 - 2012

Working Experience

- **Microsoft Research Asia - Vision Computing Group** Nov.2013 - Apr.2014
 - Rectify Curved Paper documents via Robust Principal Component Analysis Algorithm.
 - Implement and improve algorithm based on the paper “Unwrapping Low-rank Textures on Generalized Cylindrical Surfaces”.
- **Microsoft Research Asia - System Research Group** Aug.2013 - Oct.2013
 - Click Through Rate(CTR) Predict of Bing Search via Logistic Regression Algorithm.
 - About 2TB data, 1666 lines of C++11 code, boost, omp, MPI.
 - From 24 hours by hundreds of servers, to 2 hours by only 20 servers.
 - Refactor the code from C# to C++ and make the best of the physical memory.
- **Beihang ACM-ICPC Training Team - Coach** Sep.2011 - Aug.2013
 - Maintaining **linux web servers** and online judge system for the laboratory.
 - Organizing BUAA Programming Contests and setting up problems for the contestants.

Selected Projects

- **Presentation Aid System Based on Kinect** 2011 - 2012
 - Make it easier to control the elements in ppt by both gestures and actions.
 - Allow users to draw and write on the screen directly without any equipment in hand.
 - My work was algorithm design and implementing. About 10,000 lines of code in C#.
 - Outstanding in the Student Research Training Program(SRTP).

Honors & Awards

- ACM International Collegiate Programming Contest World Finals 2013 Rank 27
- ACM International Collegiate Programming Contest Asia Regional 2012 Rank 5
- Google Code Jam 2013 & Facebook Hacker Cup 2014 Top 500
- Excellent Student Cadre 2008 - 2009 6/141
- Tencent Scholarship 2012 2/141
- Outstanding Academic Performance Scholarship 2008 - 2009 12/141

Skills

- **Language:** C++11(QT, MPI) > Java > C#, Python > Matlab/Octave > SQL
- **OS:** Linux = Windows > OS X(daily use)