# Qingwen GUAN
## 管 清文

buaa.gg@gmail.com
(86) 134 0115 7995
https://github.com/buaagg

## Education

- **Beihang University** *M.S. Software Engineering* — 2012 - 2015
- **Beihang University** *B.S. Software Engineering* — 2008 - 2012
- **Beihang University** *B.S. Applied Mathematics* — 2008 - 2012

## Working Experience

- **Microsoft Research Asia - Vision Computing Group** — Nov.2013 - Apr.2014
  - Rectify Curved Paper documents via Robust PCA Algorithm.
  - Implement and Optimize 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.

## Projects

- **Presentation Aid System Based on Kinect** — 2011 - 2012
  - Make it easier to control the elements in the ppt by both gestures and actions.
  - Allow users to draw and write one 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).

## Campus Experience

- **Coach of Beihang Collegiate Programming Contest Training Team** — 2011 - 2013
  - Maitaining linux web servers for the laboratory.
  - Organizing BUAA Programming Contests and setting up problems for the contestants.

## Awards

- **ACM International Collegiate Programming Contest World Finals 2013** — Rank 27
- **ACM International Collegiate Programming Contest Asia Regional 2012** — Rank 5
- **Beihang Sanguosha(Legends of The Three Kingdoms) 3v3 Match 2013** — Rank 3
- **Excellent Student Cadre 2008 - 2009** — 6/141
- **Tencent Scholarship 2012** — 2/141
- **Outstanding Academic Performance Scholarship 2008 - 2009**
- **Social Work Scholarship 2008 - 2012**