Qingwen GUAN

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Education

Beihang University M.S. Software EngineeringBeijing
Beihang University B.S. Software Engineering, B.S. Applied MathematicsBeijing 2012 - 2015Beijing 2008 - 2012

Achievements

• ACM-ICPC World Finals 2013	Rank 27
• ACM-ICPC Asia Regional 2012	Rank 5
• Google Code Jam 2013	Top 500
• Facebook Hacker Cup 2014	Top 500

Internship

• Microsoft Research Asia - Vision Computing Group

Nov.2013 - Now

- 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, XXX lines of C++11 code, boost, omp, MPI.
- It run 24 hours by hundreds of servers before, while it run 2 hours by only 20 servers now.
- Refactor the code from C# to C++ and make the best of the physical memory.

Skills

- **Development:** C/C++, QT, MPI, Java, C#, Python.
- Interest: Algorithm, Math, read matrix67's blog, visit zhihu.com
- **Humorous:** Perform Funny Skits before thousands of students on New Years' Party for many times.

Social Activities

• Coach of BUAA ACM/ICPC team

2011-2013

- Maitaining web servers for the team.
- Organizing and providing problems of BUAA Programming Contest.

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