

GUOSAI WANG

Institute for Interdisciplinary Information Sciences, Tsinghua University
Room S-421, MengMinwei Science and Technology Building, Tsinghua University, Beijing, China 100084
+86-15201687471 • wgs14@mails.tsinghua.edu.cn • <http://iis.tsinghua.edu.cn/guosaiwang/>

SUMMARY OF QUALIFICATIONS

I am a fourth-year Ph.D. student of IIS, Tsinghua University. As a student who major in Computer Science and Technology, I believe I am qualified for a research visit at UCB for the following reasons

- Strong interest and research experience in system reliability, data analysis, and blockchain; strong interest in security and privacy
- Familiar with Python, C++ and Java
- Enthusiasm for studying new stuff
- Enjoy communication with others and enjoy teamwork

EDUCATION

Tsinghua University

Ph.D. in Computer Science and Technology, IIS 2014 - 2019(expected)
90.2 / 3.6 GPA

B.S. in Computer Science and Technology, IIS 2010 - 2014
87.4 / 3.5 GPA

RESEARCH

Increasing Large-Scale Data Center Capacity by Statistical Power Control

2015

Designing and testing power management policy in data centers.

Hardware Failure Pattern in Data Centers

2016

Data-driven analysis of four years of hardware failures in data centers.

Scalable Byzantine Consensus for Blockchains

2017

Designing a new scalable Byzantine consensus protocol for blockchains.

Anti-data-reselling for data providers

2017

Identifying data resellers via feature engineering and unsupervised learning.

PUBLICATIONS

G. Wang, et al. “**Increasing Large-Scale Data Center Capacity by Statistical Power Control**”, In *proceedings of the European Conference on Computer Systems (EuroSys 2016)*, London, UK, Apr 2016.

G. Wang, et al. “**What Can We Learn from Four Years of Data Center Hardware Failures?**”, In *proceedings of the International Conference on Dependable Systems and Networks (DSN 2017)*, Denver, USA, Jun 2017.
Best paper award.

LANGUAGES

English (CET-6 607)

AWARDS

Tsinghua University Doctorate postgraduate “future scholar” scholarship 2014

The Friend of Tsinghua - Baidu Scholar Scholarship 2016

National Scholarship 2017

ACTIVITIES AND INTERESTS

Beijing International Marathon 2011 (9 km), 2012 (21 km)

The 2nd IIS Badminton Competition Men’s Singles 2nd prize 2013

Soccer, badminton, table tennis, tennis, Karate, movies, travelling, music, reading, computer games, guitar.