

Chunzhi Su

PRESENT ADDRESS

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EDUCATION

University of Texas at Austin Graduate Student(Current)
Dept. of Computer Science, Aug, 2012 - now
I am a sixth-year graduate student and PhD candidate, advised by Prof. Lorenzo Alvisi.
Current GPA 4/4

Shanghai Jiao Tong University, P.R.C. Bachelor of Computer Science
ACM Honored Class, Dept. of Computer Science, Sep, 2008 - Jul, 2012
GPA 3.6/4, Major GPA 3.8/4, Rank 3/26.

RESEARCH INTEREST

- **Distributed Systems**

I am interested in building high-performance distributed storage systems.

RESEARCH EXPERIENCE

Laboratory for Advanced Systems Research, UT Austin, Aug, 2012 - now
Graduate Student, advised by Prof. Lorenzo Alvisi.

Cornell University, Sep, 2016 - now
Visiting Student (non-degree program), advised by Prof. Lorenzo Alvisi.

Microsoft Research, Redmond, May, 2015 - Aug, 2015
Intern, advised by Dr. Srinath Setty.

Microsoft Research, Silicon Valley, Jun, 2014 - Aug, 2014
Intern, advised by Dr. Rama Kotla.

Max Planck Institute for Software Systems, May, 2013 - Aug, 2013
Fellowship (Intern Student), advised by Dr. Allen Clement.

Microsoft Research, Asia, Jul, 2011 - Jun, 2012
Intern, advised by Dr. Zhengping Qian.

Basic Study in Computer Science (BASICS Lab.), Jul, 2010 - Jun, 2011
Research Assistant.

TEACHING EXPERIENCE

Teaching Assistant of the course *CS3331 Algorithms and Complexity*, 2014 Spring.
Teaching Assistant of the course *CS388R Randomized Algorithm*, 2013 Fall.
Teaching Assistant of the course *Project Workshop of Operating System*, 2011-2012.
Teaching Assistant of the course *Project Workshop of Compiler Principles*, 2011.
Teaching Assistant of the course *C++ programming*, 2010-2011.

PUBLICATION

1. **Chunzhi Su**, Natacha Crooks, Cong Ding, Lorenzo Alvisi, and Chao Xie, Bringing Modular Concurrency Control to the Next Level. In *Proceedings of the 2017 ACM International Conference on Management of Data (SIGMOD 2017)*, Chicago, IL, May, 2017.

2. Srinath Setty, **Chunzhi Su**, Jacob R. Lorch, Lidong Zhou, Hao Chen, Parveen Patel, and Jinglei Ren, Realizing the Fault-Tolerance Promise of Cloud Storage Using Locks with Intent. In *Proceedings of the 12th USENIX Symposium on Operating Systems Design and Implementation (OSDI 2016)*, Savannah, GA, November, 2016.
3. Chao Xie, **Chunzhi Su**, Cody Littley, Lorenzo Alvisi, Manos Kapritsos, and Yang Wang, High-Performance ACID via Modular Concurrency Control. In *Proceedings of the 25th ACM Symposium on Operating Systems Principles (SOSP 2015)*, Monterey, CA, October, 2015.
4. Chao Xie, **Chunzhi Su**, Manos Kapritsos, Yang Wang, Navid Yaghmazadeh, Lorenzo Alvisi, and Prince Mahajan, Salt: Combining ACID and BASE in a Distributed Database. In *Proceedings of the 11th USENIX Symposium on Operating Systems Design and Implementation (OSDI 2014)*, Broomfield, CO, October 2014.
5. Zhengping Qian, Yong He, **Chunzhi Su**, Zhuojie Wu, Hongyu Zhu, Taizhi Zhang, Lidong Zhou, Yuan Yu and Zheng Zhang, TimeStream: Reliable Stream Computation in the Cloud, *Eurosys 2013*.
6. Li Han, **Chunzhi Su**, Linpeng Tang and Hongyang Zhang, On Strategy-proof Allocation without Payments or Priors. *WINE 2011*.