

# Mingxing ZHANG

## PERSONAL DATA

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ADDRESS: Room 3-122, FIT Building, Tsinghua University, Beijing 100084, China  
PHONE: +86-135-8175-1840  
EMAIL: [james0zan@gmail.com](mailto:james0zan@gmail.com)  
BLOG: <http://james0zan.github.io>

## EDUCATION

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SEP. 2012 - PRESENT	Doctor of Philosophy, Computer Science, Tsinghua University Advisor: Prof. Yongwei WU
MAR. 2014 - SEP. 2014	Visiting Student, Columbia University Advisor: Prof. Junfeng YANG
SEP. 2008 - JUL. 2012	Bachelor of Science, Computer Science, Beijing University of Post and Telecommunications GPA: 88.8/100.0, RANK: 1/316

## RESEARCH

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### AI: A Lightweight System for Tolerating Concurrency Bugs (FSE '14)

We designed and implemented a novel software-only tool to tolerate concurrency bugs on-the-fly, *without using roll-back*. This work is cooperated with Dr. Shanxiang Qi (UIUC) and Prof. Shan Lu (WISC).

**Won SIGSOFT Distinguished Paper Award.**

## INTERNSHIP

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SEP. 2014 - DEC. 2014	Fulltime Intern at Google NYC Working on a project about improving database testing.
MAY 2013 - AUG. 2013	Developer at MeePoTech Developed the first version of MeePo's Android client, and the userspace filesystem part of its desktop client.
AUG. 2012 - MAY 2013	Fulltime Intern at System Research Group, Microsoft Research Asia Under Chuntao Hong's mentoring, I re-wrote Microsoft Search Technology Center's L-BFGS implementation in MPI, which reduces the execution time from 3 days per 40 iterations to less than 3 hours (2TB data in total, 20*16 cores). And I also wrote a MSMPI plugin for YARN. Finally, I have got an <i>excellent</i> assessment for this internship.

## SCHOLARSHIPS AND CERTIFICATES

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2012	Tsinghua Scholarship for Freshmen (¥30,000)
2011 & 2010	China National Scholarship (¥8,000 per year)
MAY 2012	36th Place, 2012 ACM-ICPC World Finals.
MAY 2012	2nd Place, Gold Medal, 2012 ACM-ICPC China Changchun Invitational Programming Contest.
APR. 2012	4th Place, Gold Medal, 2012 ACM-ICPC China Jinghua Invitational Programming Contest.
OCT. 2011	8th Place, Gold Medal, The 2011 ACM-ICPC Asia Shanghai Regional Contest.
NOV. 2010	9th Place, Gold Medal, The 2010 ACM-ICPC Asia Fuzhou Regional Contest.
MAY 2010	Gold Medal, 2010 ACM-ICPC China Hangzhou Invitational Programming Contest.
Nov. 2009	Silver Medal, The 2009 ACM-ICPC Asia Harbin Regional Contest.