

Dr. Jing Tian

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I was born in Shunyi, Beijing. I got my B.S. degree in Computer Science from Peking University in 2002. After one year working for M.S. in Computer Networks and Distributed Systems Laboratory of Peking University, I decided to pursue a Ph.D. degree. I completed my Ph.D. in July 2007. When working in the Laboratory, I was the team leaders of a project supported by Chinese National Natural Science Foundation and a project supported by 973 program. I started and led the IBackup project and Upstore project, and I had a number of publications on some important conferences, e.g. SRDS, IPTPS, IEEE P2P.

Besides studying and working in Lab, I was active in social activities. I was the vice chairman of Love Society (one of the biggest society in Peking Univ.) in 2000, the chairman of Academician's Safety and Rights Protecting Society in 2001, the chairman of the Graduate Student Union of EECS school of Peking Univ. in 2003, one of the founders and the chairman of YOCSEF-GS (CCF Young Computer Scientists & Engineers Forum for Graduate Students) in 2004.

I began to work in a very small startup team (4 people) from Aug. 2004. The startup company Yeelion Inc. was legally established in Aug. 2005 in Beijing. In the end of 2006, Yeelion launched its desktop software Koowo MusicBox, which was an online music player. After one and a half years, Koowo MusicBox has had a quite large number of users, and it has been the 7th popular software in China according to the keywords searched by users in Baidu. Now I am working here as a Senior Engineer Manager, and I am in charge of the R&D of the Koowo MusicBox and the website.

Education:	Peking University,	Beijing, China
	Ph.D. in Computer Science: advisor Yafei Dai	July, 2007
	B.S. in Computer Science	July, 2002

Research Interests:	My thesis work is on P2P storage system, and my interests include the availability, the reliability and the security. We built the UPStore, which aims to provide a universal peer-to-peer storage for immutable data on network overlays. IBackup is another project, which provides internet-based Incremental Backup service for Internet users.
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Awards:	Peking University Excellent Graduate Student Award, 2007 CNDS (Computer Network and Distributed System) Laboratory Outstanding Contribution Award, 2006 Peking University Wusi Award, 2005 Peking University Excellent Student Award, 2005 HP Scholarship (2 out of more than 1100 graduate students), 2004
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Peking University Pacemaker to Outstanding Students, 2004
 CNDS Laboratory Active Thought Award, 2003
 Peking University Excellent Graduate Thesis Award, 2002
 Beijing Sitong Cup Programming Competition, "Star of Sitong" Award
 (top 10), 1997

Publications: Jing Tian, Zhi Yang, Wei Chen, Ben Y. Zhao and Yafei Dai, "Probabilistic Failure Detection for Efficient Distributed Storage Maintenance". IEEE Symposium on Reliable Distributed Systems (SRDS'08), 2008.

Jing Tian, Zhi Yang and Yafei Dai, "A Data Placement Scheme with Time-Related Model for P2P Storages". International Conference on Peer-to-Peer Computing (P2P'07), 2007

Jing Tian and Yafei Dai, "Understanding the Dynamic of Peer-to-Peer Systems". International Workshop on Peer-to-Peer Systems (IPTPS'07), 2007.

Jing Tian and Yafei Dai, "A Survey of Durable Peer-to-Peer Storage Techniques". Journal of Software, 2007 (Chinese)

Jing Tian, Zhi Yang and Yafei Dai, "SEC: A Practical Secure Erasure Coding Scheme for Peer-to-Peer Storage System". 14th Symposium on Storage System and Technology, 2006.

Jing Tian, Yafei Dai, Hao Wang and Mao Yang, "Understanding Session Durability in Peer-to-Peer Storage System". International Conference on Computational Science (ICCS'06), 2006.

Qian Gao, Zhi Yang, Jing Tian and Yafei Dai, "A Hierarchically Differential P2P Storage Architecture". Journal of Software, 2007 (Chinese).

Mao Yang, Yafei Dai and Jing Tian. "Analyzing Peer-to-Peer Traffic's Impact on Large Scale Networks". International Conference on Computational Science (ICCS'06), 2006.

Working Experience and Research Experience:	Yeelion Co., Ltd.	Beijing, China
	Senior Engineer Manager	July, 2007 - Present
	Computer Network and Distributed System Lab of Peking University	Beijing, China
	Graduate Student Researcher	September, 2002
	Team Leader	- July, 2007

Microsoft Research Asia

Visiting Student of "Star of Tomorrow" program

Beijing, China

November, 2005

- April, 2006

**Social
Activities:**

The Chairman of YOCSEF-GS. (CCF Young Computer Scientists & Engineers Forum For Graduate Students), 2004-2005

The Chairman of the Graduate Student Union of EECS, Peking University, 2003-2004

The Chairman of Academician's Safety and Rights Protecting Society, 2000-2001

The Vice Chairman of Love Society (one of the biggest society in Peking University), 1999-2000