

Nguyen Tran

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Education	NEW YORK UNIVERSITY	New York, NY
	PhD candidate, Computer Science, 2006-now	
	Master in Computer Science, 2006-2008	
	NATIONAL UNIVERSITY OF SINGAPORE	Singapore
	B.S. (first class honors) in Computer Science, 2001-2005 Minor degree in Mathematics	

Research Interests

Distributed systems and computer networks

Working Experience

Summer 2007	Software Engineer Internship	Google Inc.
	Work with Frank Dabek and Wilson Hsieh. Build a tool called btviz which visualizes Bigtable's performance. Modify MapReduce code to make it work better when the workload spans many data centers.	
2005-2006	Research Assistant	National University of Singapore
	Work with Prof. Y.C. Tay in a project that applies a universal cache miss equation to do dynamic self tuning for database buffer.	
2004-2005	Part-time Student Assistant	National University of Singapore
	Work with Prof. Y.C. Tay in a project that studies how web surfer behavior affects congestion. I built a tool called SAX that can infer surfer behavior from http trace.	
2002-2004	Part-time Student Assistant	National University of Singapore
	Work with Prof. T.S. Tan to design a scheme for prefetching data in virtual simulation application. The scheme takes care of worst case scenario, i.e. there is no assumption on which direction the observer will move.	
1998-2000	Editor for the Mathematics magazine	High School for the Gifted

Skills

Programming	C++, Java, Perl, Javascript, AJAX, Pascal, HTML
OS	Window, Linux, Unix

Languages **English, Vietnamese**

Honors and Awards

- 2006–2009 USENIX student travel grant for OSDI'06, NSDI'08, NSDI'09
- 2006 Henry MacCracken Fellowship, New York University
- 2001–2005 Named to Dean's List for meritorious performance during 4 academic years.
- 2002 5th Place in the ACM Asian Programming Contest, Singapore Site
- 2001 Singapore Scholarship to study at National University of Singapore. (Only 12 Vietnamese students were chosen from all universities in Vietnam)
- 2001 2nd Prize in the National Programming Contest for students, Vietnam.
- 2000 2nd highest mark in the entrance examination to Natural Sciences University of Ho Chi Minh city, Vietnam.
- 2000 Award of Encouragement in the National Mathematics Competition for high school students, Vietnam.
- 2000 1st Prize in the Mathematics Competition of Ho Chi Minh city, Vietnam.
- 1999 2nd Prize in the Mathematics Competition of the South of Vietnam.

Publications

- [1] Nguyen Tran, Bonan Min, Jinyang Li, and Lakshminarayanan Subramanian. Sybil-resilient online content rating. In *Proceedings of the 6th USENIX Symposium on Networked Systems Design and Implementation (NSDI)*, April 2009.
- [2] Y.C. Tay, Dinh Nguyen Tran, E.Y. Liu, Wei Tsang Ooi, and Robert Morris. Equilibrium analysis through separation of user and network behavior. In *Elsevier Computer Networks journal*, June 2008.
- [3] Dinh Nguyen Tran, Frank Chiang, and Jinyang Li. Friendstore: cooperative online backup using trusted nodes. In *Proceedings of the 1st International Workshop on Social Network Systems (SocialNets)*, Apr 2008.
- [4] Dinh Nguyen Tran, Phung Chinh Huynh, Y. C. Tay, and Anthony K. H. Tung. A new approach to dynamic self-tuning of database buffers. *Trans. Storage*, 4(1):1–25, 2008.
- [5] Dinh Nguyen tran, Wei Tsang Ooi, and Y.C. Tay. Sax: A tool for studying congestion-induced surfer behavior. In *Proceedings of Passive and Active Network Measurement conference (PAM)*, March 2006.
- [6] Chu-Ming Ng, Cam-Thach Nguyen, Dinh-Nguyen Tran, and Tiow-Seng Tan. Analyzing pref-fetching in large-scale visual simulation. In *Proceedings of Computer Graphic International conference (CGI)*, June 2005.

References

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