

PARAG AGRAWAL

paraga@cs.stanford.edu

EDUCATION

- Stanford University** Sept. 2005 - Present
PhD Student, Computer Science Department
Advisor: Prof. Jennifer Widom
- Indian Institute of Technology, Bombay** May 2005
Bachelor of Technology, Department of Computer Science and Engineering
CPI 9.48/10.00
Ranked 1st in class of 48
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RESEARCH EXPERIENCE

- Trio Project, Stanford InfoLab** Oct. 2005 - Present
Studying representations and algorithms for uncertain databases with lineage.
Advisor: Prof. Jennifer Widom, Stanford University
- Blog Ranking** July 2006 - Sept. 2006
Developed, implemented and evaluated an algorithm for ranking blogs.
Advisor: Dr. Rakesh Agrawal, Microsoft Search Labs
- Approximations to the Sparsest Cut** Jan 2004 - May 2005
Studied approaches to approximating the sparsest cut and related problems.
Advisor: Prof. Abhiram Ranade, IIT Bombay, India
- Geometric Shape Matching** May 2004 - July 2004
Developed an efficient algorithm for partial geometric shape matching.
Advisor: Prof. Frederic Cazals, INRIA Sophia-Antipolis, France
- Straight Skeletons and Crashing Motorcycles** May 2003 - July 2003
Studied and developed algorithms for the Motorcycle Graph Problem.
Advisor: Prof. Antoine Vigneron, NUS, Singapore
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ACADEMIC HONOURS

- Recipient of 3-year Cisco Systems Stanford Graduate Fellowship.
 - Awarded Institute Silver Medal for academic excellence at IIT Bombay.
 - Represented IIT Bombay at ACM-ICPC World Finals in 2005.
 - Gold Medalist at International Physics Olympiad (IPhO) in 2001. Ranked 4th in the Theoretical Competition.
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PUBLICATIONS

- Trio-One: Layering Uncertainty and Lineage on a Conventional DBMS** CIDR 2007 (Demo)
Michi Mutsuzaki, Martin Theobald, Ander de Keijzer, Jennifer Widom, Parag Agrawal, Omar Benjelloun, Anish Das Sarma, Raghotham Murthy, Tomoe Sugihara
- Trio: A System for Data, Uncertainty, and Lineage** VLDB 2006 (Demo)
Parag Agrawal, Omar Benjelloun, Anish Das Sarma, Chris Hayworth, Shubha Nabar, Tomoe Sugihara, Jennifer Widom
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