

# PARAG AGRAWAL

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## EDUCATION

<b>Stanford University</b>	Sept. 2005 - Present
PhD Student, Computer Science Department	
Master of Science in Computer Science	June 2007
Advisor: Prof. Jennifer Widom	
<b>Indian Institute of Technology, Bombay</b>	May 2005
Bachelor of Technology, Department of Computer Science and Engineering	
CPI 9.48/10.00, Ranked 1 <sup>st</sup> in class of 48	

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## RESEARCH EXPERIENCE

<b>Trio (Uncertain Data Management with Lineage)</b>	Oct. 2005 - Present
Focus on uncertain data integration.	
Advisor: Prof. Jennifer Widom, Stanford University	
<b>PNUTS (Scalable Data Management)</b>	June 2008 - Sept. 2008
Weak consistency, secondary indexes, materialized views.	June 2007 - Sept. 2007
Advisor: Dr. Raghu Ramakrishnan, Yahoo! Research	
<b>Giraffe (Interactive Data Exploration)</b>	June 2008 - Sept. 2008
Indexing techniques for real-time query answering.	
Advisor: Dr. Chris Olston, Yahoo! Research	
<b>Pig/Hadoop (Distributed MapReduce-like System)</b>	June 2007 - Sept. 2007
Stage scheduling for multi-query optimization.	
Advisor: Dr. Chris Olston, Yahoo! Research	

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## RECENT PUBLICATIONS

<b>Asynchronous View Maintenance for VLSD Databases</b>	SIGMOD 2009
Parag Agrawal, Adam Silberstein, Brian Cooper, Utkarsh Srivastava, Raghu Ramakrishnan	
<b>Confidence-Aware Join Algorithms</b>	ICDE 2009
Parag Agrawal, Jennifer Widom	
<b>LAV Integration of Uncertain Data</b>	Technical Report 2008
Parag Agrawal, Anish Das Sarma, Jeffrey Ullman, Jennifer Widom	
<b>Scheduling Shared Scans of Large Data Files</b>	VLDB 2008
Parag Agrawal, Daniel Kifer, Christopher Olston	

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## ACADEMIC HONORS

- 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 4<sup>th</sup> in Theory.