

## Ravindranath Jampani

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### Education

- **Ph.D.**, Computer Engineering, University of Florida. (GPA: 3.8) Expected 2012
- **M.S.**, Computer Science, IIT-Hyderabad, India. 2005
- **B.Tech.**, Computer Science, IIT-Hyderabad, India. (GPA: 9.6/10) 2003

### Work Experience

- **Research Assistant, University of Florida.**
- **Teaching Assistant, University of Florida.**  
Analysis of Algorithms, Data Structures and Database Systems.
- **Research Assistant, IIT-Hyderabad.** (Spring 2005)

### Publications and Demos

- *R. Jampani*, F. Xu, M. Wu, L. Perez, C. Jermaine, P. Haas,  
The monte carlo database system: Stochastic analysis close to the data, TODS 2011.
- S. Arumugam, *R. Jampani*, L. Perez, F. Xu, C. Jermaine, P. Haas,  
MCDB-R: Risk Analysis in the Database, To appear in VLDB 2010.
- F. Xu, *R. Jampani*, M. Wu, C. Jermaine, T. Kahveci,  
Surrogate Ranking for Very Expensive Similarity Queries, ICDE 2010.
- *R. Jampani*, F. Xu, M. Wu, L. Perez, C. Jermaine, P. Haas,  
MCDB: A monte carlo approach to managing uncertain data, SIGMOD Conference 2008.
- F. Rusu, F. Xu, L. Perez, M. Wu, *R. Jampani*, C. Jermaine, A. Dobra,  
The DBO database system, SIGMOD Conference 2008 (DEMO).
- *R. Jampani*, A. Ungor,  
Construction of Sparse Well-spaced Point Sets for Quality Tetrahedralizations, IMR 2007.
- *R. Jampani*, V. Pudi  
Using Prefix-Trees for Efficiently Computing Set Joins, DASFAA 2005.
- *R. Jampani*, R. Thonangi, P. Gupta  
Overlaying Multiple Maps Efficiently, CIT 2004.

### Skills

- Languages: C, C++, Java, Perl
- Applications/API: SQL, Matlab

### Achievements

- Recipient of a 2008 IBM Research's Pat Goldberg Memorial Best Paper Award in Computer Science, Electrical Engineering and Mathematics, for the paper on Monte Carlo Database System (MCDB).
- Secured 3rd place in Robocup rescue simulation, World championships, Osaka, 2005.
- Received an Alumni Graduate Fellowship (2005-2009) at University of Florida.
- Ranked in top ten in ACM International Collegiate Programming Contests in South Asia region (2001) and Southeast USA region (2005).