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EDUCATION

- **PhD Student**, Storage Systems Research Center (SSRC), University of California, Santa Cruz
Project: *Archival Systems*
Advisor: Darrell Long
- **M. S., Computer Science**, University of California, Santa Cruz, June 2005
Project: *Eureka — Finding a Needle in a Haystack*
Advisor: Neoklis Polyzotis
- **B. Engineering (Computer Science)**, D. Y. Patil College of Engineering, Pune University, Pune, India, April 1996

EMPLOYMENT HISTORY

March 2005–present	Graduate Student Researcher , Storage Systems Research Center (SSRC), University of California, Santa Cruz
November 2005–present	Research Associate (part-time), HP Labs, Palo Alto
June 2006–August 2006	Summer Intern , HP Labs, Palo Alto
September 2003–March 2005	Teaching Assistant , Department of Computer Science, University of California, Santa Cruz
October 1998–January 2003	System Analyst , Xoriant Corporations, San Jose, CA
August 1996–October 1998	Software Engineer , Tata Technologies, Pimpri, Pune, India

HONORS

2009-2010 Scholarship from the ARCS (Achievement Rewards for College Scientists) Foundation.
2008-2009 Scholarship from the ARCS (Achievement Rewards for College Scientists) Foundation.

PUBLICATIONS

Journals

- J1. Deepavali Bhagwat, Laura Chiticariu, Gaurav Vijayvargiya, and Wang-Chiew Tan, “An Annotation Management System for Relational Databases,” *VLDB Journal Special Issue (Best papers of 2004)*, 14(4):373–396, November 2005

Conference Papers

- C6. Deepavali Bhagwat, Kave Eshghi, Darrell D. E. Long, and Mark Lillibridge, “Extreme Binning: Scalable, Parallel Deduplication for Chunk-based File Backup,” *17th International Symposium on Modeling, Analysis, and Simulation of Computer and Telecommunication Systems (MASCOTS) 2009*, London, September 21-23, 2009.
- C5. Mark Lillibridge, Kave Eshghi, Deepavali Bhagwat, Vinay Deolalikar, Greg Trezise and Peter Campbell, “Sparse Indexing: Large Scale, Inline Deduplication Using Sampling and Locality,” *7th USENIX Conference on File and Storage Technologies (FAST 2009)*, San Francisco, California, February 24–27, 2009.
- C4. Deepavali Bhagwat, Kave Eshghi, and Pankaj Mehra, “Content-based Document Routing and Index Partitioning for Scalable Similarity-based Searches in a Large Corpus,” *13th ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD 2007)*, San Jose, California, August 11–15, 2007.
- C3. Deepavali Bhagwat, Kristal Pollack, Darrell D. E. Long, Thomas Schwarz, Ethan L. Miller and Jehan-François Pâris, “Providing High Reliability in a Minimum Redundancy Archival Storage System,” *14th International Symposium on Modeling, Analysis, and Simulation of Computer and Telecommunication Systems (MASCOTS 2006)*, Monterey, California, September 11–13, 2006.
- C2. Deepavali Bhagwat, and Neoklis Polyzotis, “Searching a File System using Inferred Semantic Links,” *ACM Conference on Hypertext and Hypermedia (HT 2005)*, Salzburg, Austria, September 6–9, 2005.
- C1. Deepavali Bhagwat, Laura Chiticariu, Gaurav Vijayvargiya, and Wang-Chiew Tan, “An Annotation Management System for Relational Databases,” *30th International Conference on Very Large Databases (VLDB 2004)*, Toronto, Canada, August 31–September 3, 2004.

PROFESSIONAL ACTIVITIES

Membership in Professional Societies

- Member, USENIX