

## Jing JIANG

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**Citizenship:** China

## Education

Aug 2003 - Oct 2008	Doctor of Philosophy Computer Science University of Illinois at Urbana-Champaign Dissertation Title: Domain Adaptation in Natural Language Processing
Sep 2002 - Jun 2003	Master of Science Computer Science Stanford University
Sep 1999 - Jun 2002	Bachelor of Science (with Distinction) Computer Science Stanford University

## Position(s) Held

Jul 2008 - Now	Singapore Management University School of Information Systems Assistant Professor
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## Research Interests

1. Text Mining
2. Information Retrieval
3. Machine Learning

## Professional Activities

1. Journal Referee for ACM Transactions on Information Systems (TOIS), 2007
2. Journal Referee for Journal of Natural Language Engineering, 2007
3. Journal Referee for International Journal of Data Mining and Bioinformatics (IJDMB), 2007
4. Conference Program Committee Member of the 31st Annual International ACM SIGIR Conference on Research and Development on Information Retrieval (SIGIR'08), 2008
5. Conference Program Committee Member of the 22nd International Conference on Computational Linguistics (COLING'08), 2008

6. Conference Program Committee Member of the Conference on Empirical Methods in Natural Language Processing (EMNLP'08), 2008
7. Conference Program Committee Member of the Asia Information Retrieval Symposium 2008 (AIRS'08), 2008
8. Conference Program Committee Member of the 13th International Conference on Applications of Natural Language to Information Systems (NLDB'08), 2008

### **Journal Articles (Refereed)**

1. "Generating Gene Summaries from Biomedical Literature : A Study of Semi-Structured Summarization", by Xu LING, Jing JIANG, Xin HE, Qiaozhu MEI, ChengXiang ZHAI, and Bruce SCHATZ, 11/2007, 43, 6, *Information Processing and Management Journal*, 1777-1791
2. "An Empirical Study of Tokenization Strategies for Biomedical Information Retrieval", by Jing JIANG and ChengXiang ZHAI, 10/2007, 10, 4-5, *Information Retrieval*, 341-363
3. "Extraction of Coherent Relevant Passages Using Hidden Markov Models", by Jing JIANG and ChengXiang ZHAI, 07/2006, 24, 3, *ACM Transactions on Information Systems (ACM TOIS)*, 295-319

### **Conference Papers (Refereed)**

1. "Knowledge Transfer via Multiple Model Local Structure Mapping", by Jing GAO, Wei FAN, Jing JIANG, and Jiawei HAN, 08/2008, 283-291, *14th ACM SIGKDD International Conference on Knowledge Discovery & Data Mining (KDD)*, Las Vegas, USA
2. "A Two-Stage Approach to Domain Adaption for Statistical Classifiers", by Jing JIANG and ChengXiang ZHAI, 11/2007, 401-410, *ACM 16th Conference on Information and Knowledge Management (CIKM)*, Lisbon, Portugal
3. "Instance Weighting for Domain Adaptation in NLP", by Jing JIANG and ChengXiang ZHAI, 06/2007, 264-271, *45th Annual Meeting of the Association Computational Linguistics (ACL)*, Prague, Czech
4. "A Systematic Exploration of the Feature Space for Relation Extraction", by Jing JIANG and ChengXiang ZHAI, 04/2007, 113-120, *Human Language Technology Conference of the North American Chapter of the Association for Computational Linguistics (NAACL-HLT)*, Rochester, NY, USA
5. "Exploiting Domain Structure for Named Entity Recognition", by Jing JIANG and ChengXiang ZHAI, 06/2006, 74-81, *Human Language Technology Conference of the North American Chapter of the Association for Computational Linguistics (NAACL-HLT)*, New York City, NY, USA
6. "Automatically Generating Gene Summaries from Biomedical Literature", by Xu LING, Jing JIANG, Xin HE, Qiaozhu MEI, ChengXiang ZHAI, and Bruce SCHATZ, 01/2006, 40-51, *Pacific Symposium on Biocomputing (PSB)*, Maui, HI, USA
7. "Accurately Extracting Coherent Relevant Passages Using Hidden Markov Models", by Jing JIANG and ChengXiang ZHAI, 11/2005, 289-290, *ACM 14th Conference on Information and Knowledge Management (poster session) (CIKM)*, Bremen, Germany
8. "Adaptive Filters for Continuous Queries over Distributed Data Stream", by Chris OLSTON, Jing JIANG, and Jennifer WIDOM, 06/2003, 563-574, *ACM SIGMOD International Conference on Management of Data (SIGMOD)*, San Diego, CA, USA

## **Other Published Articles**

1. "Robust Pseudo Feedback Estimation and HMM Passage Extraction: UIUC at TREC 2006 Genomics Track", by Jing JIANG, Xin HE, and ChengXiang ZHAI, 15th Text Retrieval Conference (TREC), 2007
2. "Using Syntactic and Semantic Relation Analysis in Question Answering", by Renxu SUN, Jing JIANG, Yee Fan TAN, Hang CUI, Tat-Seng CHUA, and Min-Yen KAN, 14th Text Retrieval Conference (TREC), 2006
3. "UIUC at HARD 2004 - Passage Retrieval Using HMMs", by Jing JIANG and ChengXiang ZHAI, 13th Text Retrieval Conference (TREC), 2005

## **Courses Taught - Undergraduate**

1. IS200: IS Software Foundations, August 2008 - November 2008

## **Teaching Assistance and Tutoring**

1. Teaching Assistant, Introduction to Artificial Intelligence, University of Illinois at Urbana-Champaign, August 2003 - December 2004