

## Long QIU

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**Objective** NLP Researcher

**Education** **Ph.D.** Computer Science, National University of Singapore, 2008 (Expected)  
**S.M.** Computer Science, Singapore-MIT Alliance (SMA) ([web.mit.edu/sma/](http://web.mit.edu/sma/)), 2002  
**B.E.** Electronics Engineering, Xian Jiaotong University, P.R.China, 1997

**Coursework** Uncertainty Modelling in AI (Graphical Models)  
Natural Language Processing  
Design of Optimising Compilers  
Logic Programming & Constraints  
Parallel Computer Systems  
Text Processing on the Web (Focuses on web search but also covers QA, Summarization, Text Categorization, NER and IE, etc.)  
Digital Libraries and Computing for the Humanities  
Special Topics in Media (Speech Processing)

**Research Experience** *Research Scholar* 2003–present  
Dr. Min-Yen Kan, Prof. Tat-Seng Chua National University of Singapore  
**Information Extraction, Multi-document Summarization** (top 1 system in DUC'05),  
**Paraphrase Recognition, Scenario Template Creation**

*Summer Intern* Jun–Aug, 2007  
Mentor: Prof. Kathleen McKeown Columbia University  
**Scenario Taxonomy Construction, Open-domain QA**

*Research Assistant* 2002-2003  
Prof. Tat-Seng Chua, Dr. Jimin Liu National University of Singapore  
**Text Categorization**

**Employment** *Electronics Engineer* 1997-2001  
Shanghai Academy of Spaceflight Tech. Shanghai, China  
Digital Signal Processing System Design & Implementation

**Publications (Selected)** Long Qiu, Min-Yen Kan and Tat-Seng Chua (2008) **Modeling Context in Scenario Template Creation**, In Proceedings of the Third International Joint Conference on Natural Language Processing (IJCNLP '08), Hyderabad, India.

Shiren Ye, Tat-Seng Chua, Min-Yen Kan and Long Qiu (2007) **Document Concept Lattice for Text Understanding and Summarization**, *Information Processing and Management*, 43(6), pages 1643-1662.

Long Qiu, Min-Yen Kan and Tat-Seng Chua (2006) **Paraphrase Recognition via Dissimilarity Significance Classification**, In Proceedings of the Empirical Methods for Natural Language Processing (EMNLP '06), Sydney, Australia.

Shiren Ye, Long Qiu, Tat-Seng Chua and Min-Yen Kan (2005). *NUS at DUC 2005: Understanding Documents via Concept Links*. In Proceedings of Document Understanding Conference (DUC '05), Vancouver, Canada.

Long Qiu, Min-Yen Kan and Tat-Seng Chua (2004) *A Public Reference Implementation of the RAP Anaphora Resolution Algorithm*. In Proceedings of the Language Resources and Evaluation Conference 2004 (LREC '04), Lisbon, Portugal.

**Scientific  
Software**

**Anaphora Resolution:**

JavaRAP ([wing.comp.nus.edu.sg/~qiu/NLPTools/JavaRAP.html](http://wing.comp.nus.edu.sg/~qiu/NLPTools/JavaRAP.html))

**Paraphrase Recognition:** to be released

**Professional  
Services**

**Program committee member/reviewer:**

The 46th Annual Meeting of the Association for Computational Linguistics (ACL 2008)

Australasian Language Technology Association workshop (ALTA 2007)

International Journal of Chinese Language and Computing (JCLC)

**Honors and  
Awards**

Research Scholarship, National University of Singapore, 2003–2007

SMA Scholarship, Singapore-MIT Alliance, 2001–2002

**Computer Skills**

Unix, Java, Perl, C/C++, MySQL

**Language Skills**

Mandarin, English

**References**

**Dr. Min-Yen Kan**

AS6 05-12

Computing 1, Law Link

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Email: [kanmy@comp.nus.edu.sg](mailto:kanmy@comp.nus.edu.sg)

**Prof. Tat-Seng Chua**

AS6 05-08

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**Prof. Kathleen R. McKeown**

Dept. of Computer Science

Columbia University

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