

Education: **Carnegie Mellon University**, Language Technologies Institute, School of Computer Science, Pittsburgh, PA
Candidate for Ph.D. in Language Technologies, May 2010

Carnegie Mellon University, Language Technologies Institute, School of Computer Science, Pittsburgh, PA
Masters in Language Technologies, May 2005
Cumulative QPA: 3.92

University of Arizona, Computer Science Department, Tucson, AZ
Bachelor of Science, August 1999
GPA: 3.70 Major GPA: 3.92

Research & Work Experience: **Research Assistant** October 2007 - Present
Language Technologies Institute, School of Computer Science, Carnegie Mellon University, Pittsburgh, PA

- Research: graph-based learning and applications to weblog and social networks.
- Maintained MinorThird - an information extraction and text classification toolkit.

Research Assistant September 2003 - August 2005, July 2006 - September 2007
Language Technologies Institute, School of Computer Science, Carnegie Mellon University, Pittsburgh, PA

- Research: question analysis, cross-lingual information retrieval and extraction.
- Built components for JAVELIN - a multilingual question-answering system.

Course Instructor January 2006 - June 2006

Computer Science Department, Carnegie Mellon University Qatar, Doha, Qatar

- Instructor and lecturer for 15-100 Introductory Programming
- Designed lectures, homeworks, and other course materials.

Teaching Assistant September 2005 - December 2005

Computer Science Department, Carnegie Mellon University Qatar, Doha, Qatar

- Teaching assistant for 15-100 Introductory Programming
- Teaching assistant for 15-211 Fundamental Data Structures and Algorithms

Book Translator August 2002 - August 2003

Living Stream Ministry, Anaheim, CA

- Translated five books from Chinese to English, published by Living Stream Ministry.

Summer Research Assistant June 1999 - September 1999

Computer Science Department, University of Arizona, Tucson, AZ

- Research programmer for the Active Networks project.

Software Developer June 1998 - September 1998

Astronomy Department, University of Arizona, Tucson, AZ

Publications: Frank Lin and William W. Cohen. 2008. "The MultiRank Bootstrap Algorithm: Semi-Supervised Political Blog Classification and Ranking Using Semi-Supervised Link Classification", ICWSM 2008 Poster.

Teruko Mitamura, Frank Lin, Hideki Shima, Mengqiu Wang, Jeongwoo Ko, Justin Betteridge, Matthew Bilotti, Andrew Schlaikjer and Eric Nyberg. 2007. "JAVELIN III: Cross-Lingual Question Answering from Japanese and Chinese Documents", Proceedings of NTCIR-6 Workshop, Tokyo, Japan.

Teruko Mitamura, Mengqiu Wang, Hideki Shima, Frank Lin. 2006. "Keyword Translation Accuracy and Cross-Lingual Question Answering in Chinese and Japanese", Proceedings of EACL 2006 Workshop on MLQA, Trento, Italy.

Hideki Shima, Mengqiu Wang, Frank Lin and Teruko Mitamura. 2006. "Modular Approach to Error Analysis and Evaluation for Multilingual Question Answering", Proceedings of LREC 2006, Genoa, Italy.

Eric Nyberg, Robert Frederking, Teruko Mitamura, Matthew Bilotti, Kerry Hannan, Laurie Hiyakumoto, Jeongwoo Ko, Frank Lin, Lucian Lita, Vasco Pedro, and Andrew Schlaikjer. 2005. "JAVELIN I and II Systems at TREC 2005", Proceedings of TREC 2005.

Frank Lin, Hideki Shima, Mengqiu Wang, Teruko Mitamura. 2005. "CMU JAVELIN System for NTCIR5 CLQA1". Proceedings of the 5th NTCIR Workshop (NTCIR-5), Tokyo, Japan.

Frank Lin and Teruko Mitamura. 2004. "Keyword Translation from English to Chinese for Multilingual QA". Proceedings of the 6th Conference of the Association for Machine Translation in the Americas (AMTA 2004), Washington D.C.

**Relevant
Courses
Taken:**

Information Extraction	Information Retrieval
Machine Translation	Natural Language Processing
Software Engineering for Information Technology	Language and Statistics
Speech II: Phonetics, Prosody, Perception, Synthesis	Grammar and Lexicon
Human Language Technologies	Algorithms
Principles of Operating Systems	Principles of Computer Networking
Parallel and Distributed Programming	Comparative Programming Languages
Foundations of Computer Programming	Object Oriented Programming and Design
Data Structures and Algorithms	Minds, Brains, and Computers
Discrete Mathematics	

Languages: Basic, C, C++, Java, JSP, HTML, Lisp, MIPS ASM, Ruby; English, Chinese (Mandarin), Japanese

Updated 2008.04.11. References available upon request.