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Education

1976 B.Sc. Physics, University of Delhi.
1979 B.Sc. Experimental Psychology, University of Sussex
1980 M.S. Computer and Information Science, University of Pennsylvania
1997 Ph.D. (with Distinction) Computational Linguistics, Georgetown University

Professional Experience

1992-Present Senior Principal Scientist, The MITRE Corporation
2005-Present Research Affiliate, Computer Science and Artificial Intelligence Laboratory, MIT
2005-Present Visiting Scholar, Department of Computer Science, Brandeis University
2003-2006 Associate Professor and Program Head, Computational Linguistics, Georgetown University
1988-92 Technical Staff, Artificial Intelligence Laboratory, Microelectronics and Computer Technology Corporation (MCC)
1984-88 Technical Staff, Artificial Intelligence Laboratory, Texas Instruments, Inc.

Publications 3 books, and 56 papers, including 26 journal articles and book chapters.

Sample Publications

Mani, I., Pustejovsky, J., and Gaizauskas, R. (2005). *The Language of Time*. Oxford University Press.

Mani, I. (2001). *Automatic Summarization*. John Benjamins.

Mani, I., and Maybury, M. (1999). *Advances in Automatic Text Summarization*. MIT Press.

Mani, I., Hu, Z., Wu, C., Jang, S., Samuel, K., Krause, M., and Phillips, J. (2005). "Protein Name Tagging Guidelines: Lessons Learned". *Comparative and Functional Genomics*, 6, 1-2, 72-76.

Mani, I. (2005). *Computational Linguistics*. In Fasold, R., and Connor-Linton, J. *Introduction to Language and Linguistics*. Cambridge University Press.

Mani, I., Firmin, T., House, D., Klein, G., Sundheim, B., Hirschman, L. (2002). "The TIPSTER SUMMAC Text Summarization Evaluation". *Natural Language Engineering*, 8, 1. Cambridge University Press.

Hirschman, L., and Mani, I. (2001). "Evaluation". In R. Mitkov, ed., *Handbook of Computational Linguistics*, Oxford University Press, 2003.

Hahn, U. and Mani, I. (2000). "The Challenges of Automatic Summarization". *IEEE Computer*, 33, 11, 29-36.

Mani, I. and Bloedorn, E. (1999). "Summarizing Similarities and Differences Among Related Documents". *Information Retrieval* 1(1), 35-67.

Bloedorn, E.; Mani, I. (1997). "Using NLP for Machine Learning of User Profiles". *Journal of Intelligent Data Analysis*, 2, 1. <http://www-east.elsevier.com/ida/>.

Principal Investigator

PI on research awards from ARDA (AQUAINT Phase II), NSF (Constructing Protein Ontologies Using Text Mining), DARPA (TIDES, GENOA, and TIA programs), USGC, and MITRE. Leader of DARPA-funded TIDES team that developed TIMEX2 annotation standards and algorithms for temporal information extraction. Leader of team that developed the TIPSTER SUMMAC evaluation of text summarization systems.

Reviewing

Editorial board, *Computational Linguistics* (2002-4), and also reviewer for other journals and book publishers, e.g., Natural Language Engineering, Journal of Artificial Intelligence Research, Bioinformatics, Information Retrieval, IEEE Transactions on Graphics and visualization, Journal of the American Society for Information Science and Technology, Oxford University Press, John Benjamins, Kluwer. Also a reviewer for conferences like ACL (ACL'1998, EACL'1999, ANLP'2000, NAACL'2000, ACL'2000, ACL'2004 – Tutorial Chair, COLING2004, ACL'2005), HLT (2001, 2002, 2003, 2004 – Area Chair, 2005, 2006), AAAI (2000, 2002), IJCAI (2001, 2003), LREC (2004-6), FLAIRS (2006), TIME (2006), AAAI Nectar Track (2006), International Conference on Text Generation (2000, 2002, 2004), ICON (International Conference on Natural Language Processing – India) (2003-5, 2007 - Program Chair), as well as numerous workshops including Document Understanding Conference (DUC) (2001-6).

Workshops Organized/Tutorials/Invited Talks

Co-organized the ACL'2001 workshop on Spatial and Temporal Information Processing, participated in the ARDA NRRC Workshop on Time and Event Recognition for Natural Language (TERQAS 2002), and co-organized the ARDA NRRC Workshop on Graphical Annotation Toolkit (TANGO). Taught/co-taught tutorials at AAAI'1998, ECAI'1998, IJCAI'1999, ACL'2001, ICON'2002, HLT'2003, ACL-ALLSNET'2006. Invited talks at IBM Research, Microsoft Research, University of Maryland, Johns Hopkins Summer Workshop, University of Melbourne, Cambridge University, University of Wolverhampton, University of Brighton, Central Institute of Indian Languages – Mysore, Indian Institute of Technology - Bombay, etc.

Course Taught (Georgetown)

Introduction to NLP (Fall '2001, Spring '2003, Fall'2003, Fall'2004), Seminar in Computational Linguistics: semantics of tense and aspect (Fall'2001, Fall'2003, Fall'2005), Information Retrieval (Spring'2002), Machine Translation (Spring'2002, Spring'2004, Spring'2005), Text Summarization and Generation (since 1999, last taught in Spring'2003), Cognitive Science: segments on Artificial Intelligence (Fall'2001), NLP Evaluation (Spring'2002), Natural Language Processing (Fall'2004), Computational Linguistics: Tools for Linguists (co-taught, Fall'2003, Fall'2004).

Ph.D. Thesis Committees

Seok-Bae Jang (Georgetown; supervisor - current), Marc Verhagen (Brandeis), Aftef Farzindar (Montreal), D'Armond Speers (Georgetown), Min-Yen Kan (Columbia), Barry Schiffman (Columbia).