

Christopher David Manning

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Professional Preparation

- 1990–1994 Ph.D. Stanford University, Dept of Linguistics, awarded January 1995.
Dissertation title: *Ergativity: Argument Structure and Grammatical Relations*.
- 1984–1989 B.A. (Hons) with First Class Honors and University Medal in Linguistics,
The Australian National University.

Appointments

- 2018–present Director of the Stanford Artificial Intelligence Laboratory
- 2012–present Professor of Computer Science and Linguistics, Stanford University.
- 2006–2012 Associate Professor of Computer Science and Linguistics, Stanford University.
- 1999–2006 Assistant Professor of Computer Science and Linguistics, Stanford University.
- 1996–1999 Lecturer B [\approx Asst Prof.], Department of Linguistics, University of Sydney.
- 1994–1996 Assistant Professor, Computational Linguistics, Carnegie Mellon University.

Synopsis

Christopher Manning works on software for natural language understanding. He is a leader in applying Deep Learning to Natural Language Processing, with well-known research on Tree Recursive Neural Networks, the GloVe model of word vectors, sentiment analysis, neural network dependency parsing, neural machine translation, question answering, and deep language understanding. Manning has coauthored leading textbooks on statistical approaches to Natural Language Processing (NLP) (Manning and Schütze 1999) and information retrieval (Manning, Raghavan, and Schütze, 2008), is the lead developer of the Stanford CoreNLP software, is an ACM, AAAI and ACL Fellow, and is Past President (2015) of the ACL. Research of his has won ACL, Coling, EMNLP, and CHI Best Paper Awards.

Representative Publications

- Yuhao Zhang, Daisy Yi Ding, Tianpei Qian, Christopher D. Manning, and Curtis P. Langlotz. 2018. Learning to Summarize Radiology Findings. In *EMNLP-LOUHI 2018*.
- Drew Hudson and Christopher D. Manning. 2018. Compositional attention networks for machine reasoning. In *Proceedings of ICLR 2018*.
- Abigail See, Peter J. Liu, and Christopher D. Manning. 2017. Get to the point: Summarization with pointer-generator networks. In *Proceedings of ACL 2017*, pp. 1073–1083.
- Thang Luong, Hieu Pham, and Christopher D. Manning. 2015. Effective approaches to attention-based neural machine translation. In *Proceedings of EMNLP 2015*, pp. 1412–1421.
- Jeffrey Pennington, Richard Socher and Christopher D. Manning. 2014. GloVe: Global Vectors for Word Representation. In *EMNLP 2014*.