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ALEXANDER M. RUSH

Appointment

Harvard University School of Engineering and Applied Sciences
2015-. Assistant Professor of Computer Science

Facebook Artificial Intelligence Research Lab
2015. Post-Doctoral Fellowship
Advisor: Yann LeCunn

Education

Massachusetts Institute of Technology
2009-2014. Ph.D, Computer Science.
Advisor: Michael Collins
Dissertation: *Relaxation Methods for Natural Language Decoding.*

Columbia University
2011-2014. Visiting Scholar, Department of Computer Science.

Harvard University
2007. B.A., Computer Science. (Magna Cum Laude With Highest Honors.)

Grants and Awards

2012 Best Paper Award, North American Association of Computational Linguistics.

2010 Best Paper Award, Empirical Methods in Natural Language Processing.

2009 Graduate Research Fellow, National Science Foundation.

2006 Outstanding Undergraduate Award Finalist, Computing Research Association.

Recent Publications

paper.authors. *paper.title.* *paper.conference*

Alexander M. Rush and Slav Petrov, *Vine Pruning for Efficient Multi-Pass Dependency Parsing*. Proceedings of NAACL 2012. [Best Paper Award]

Terry Koo, Alexander M. Rush, Michael Collins, Tommi Jaakkola, and David Sontag. *Dual Decomposition for Parsing with Non-Projective Head Automata*. Proceedings of EMNLP 2010. [Best Paper Award]

Patents

Techniques for discriminative dependency parsing (Google). Slav Petrov, Alexander M. Rush, 2015.

Efficient parsing with structured prediction cascades (Google). Slav Petrov, Alexander M. Rush, 2013

Determining user affinity towards applications on a social networking website (Facebook., Thomas S. Whitnah, Alexander M. Rush, Ding Zhou, Ruchi Sangvhi, 2010.

Industry

Lead Engineer (Platform Team), *Facebook*, June 2007 – August 2009, Palo Alto, CA.

Open-Source

proj.title - proj.abstract