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RESEARCH INTERESTS Machine Learning, Natural Language Processing, Deep Learning

EDUCATION

Harvard University Ph.D., Computer Science Advisor: Alexander M. Rush	Cambridge, MA, USA 2015–Present
New York University M.S., Data Science	New York, NY, USA 2013–2015
Columbia University M.A., Statistics	New York, NY, USA 2010–2012
Cornell University B.A., Mathematics, Economics	Ithaca, NY, USA 2006–2009

HONORS & AWARDS ACL 2017, Best Demo Paper Award Runner-Up
KDD Cup 2014, 1st place
Phi Beta Kappa, Cornell University, 2009

PUBLICATIONS

Adapting Sequence Models for Sentence Correction. Allen Schmitt, Yoon Kim, Alexander M. Rush, and Stuart M. Shieber. In *Proceedings of the 2017 Conference on Empirical Methods in Natural Language Processing*, Copenhagen, Denmark, September 2017. **EMNLP 2017**

OpenNMT: Open-Source Toolkit for Neural Machine Translation. Guillaume Klein, Yoon Kim, Yuntian Deng, Jean Senellart, and Alexander M. Rush. In *Proceedings of the 55th Annual Meeting of the Association for Computational Linguistics (Demo Track)*, Vancouver, Canada, July 2017. **ACL 2017**

Structured Attention Networks. Yoon Kim, Carl Denton, Luong Hoang, and Alexander M. Rush. In *Proceedings of the 5th International Conference on Learning Representations*, Toulon, France, April 2017. **ICLR 2017**

Sequence-Level Knowledge Distillation. Yoon Kim and Alexander M. Rush. In *Proceedings of the 2016 Conference on Empirical Methods in Natural Language Processing*, Austin, USA, November 2016. **EMNLP 2016**

Sentence-Level Grammatical Error Identification as Sequence-to-Sequence Correction. Allen Schmitt, Yoon Kim, Alexander M. Rush, and Stuart M. Shieber. In *Proceedings of the 11th Workshop on Innovative Use of NLP for Building Educational Applications*, San Diego, USA, June 2016.

Character-Aware Neural Language Models. Yoon Kim, Yacine Jernite, David Sontag, and Alexander M. Rush. In *Proceedings of the 30th AAAI Conference on Artificial Intelligence*, Phoenix, USA, February 2016. **AAAI 2016**

Convolutional Neural Networks for Sentence Classification. Yoon Kim. In *Proceedings of the 2014 Conference on Empirical Methods in Natural Language Processing*, Doha, Qatar, October 2014. **EMNLP 2014**

Temporal Analysis of Language through Neural Language Models. Yoon Kim, Yi-I Chiu, Kentaro Hanaki, Darshan Hegde, and Slav Petrov. In *Proceedings of the ACL 2014 Workshop on Language Technologies and Computational Social Science*, Baltimore, USA, June 2014.

Credibility Adjusted Term Frequency: A Supervised Term Weighting Scheme for Sentiment Analysis and Text Classification. Yoon Kim and Owen Zhang. In *Proceedings of the 5th Workshop on Computational Approaches to Subjectivity, Sentiment and Social Media*, Baltimore, USA, June 2014.

TALKS	Invited talk, OpenAI.	May, 2017
	Boston Machine Learning Meetup.	April, 2017
	Invited talk, MIT.	April, 2016
	Invited talk, MIT.	December, 2015
	NLP seminar, CUNY.	October, 2014
TEACHING	CS 109: Data Science. Teaching Fellow.	08/2016–12/2016
EMPLOYMENT	Facebook Research Intern (Facebook AI Research)	New York, NY, USA 05/2017–08/2017
	American International Group Data Scientist	New York, NY, USA 07/2012–08/2016
	Barclays Capital Analyst	New York, NY, USA 10/2011–07/2012
	Morgan Stanley Associate	New York, NY, USA 07/2009–10/2011
	Merill Lynch Summer Analyst	New York, NY, USA 05/2008–08/2008