

Luheng HE

CONTACT INFORMATION	CSE Dept, University of Washington 185 Stevens Way Box 2350 Seattle, WA 98195, USA	luheng@cs.washington.edu https://homes.cs.washington.edu/~luheng
EDUCATION	University of Washington Ph.D. in Computer Science and Engineering Advisor: Luke Zettlemoyer	Sep. 2013 - <i>now</i>
	University of Pennsylvania MS.E. in Computer and Information Science GPA: 4.0/4.0	Sep. 2011 - May 2013
	Shanghai Jiao Tong University , B.E. in Computer Science and Engineering	Sep. 2006 - Jul. 2010
RESEARCH INTERESTS	Natural Language Processing, Computational Linguistics, Machine Learning, and Crowdsourcing	
WORKING EXPERIENCE	Research Intern Natural Language Understanding Team, Google New York, USA	Jun. 2017 - Sep. 2017
	Research Intern Machine Perception Team, Google Mountain View, USA	Jun. 2014 - Sep. 2014
	Software Engineering Intern Public Alerts Team, Google New York, USA	Jun. 2013 - Sep. 2013
	Business Intelligence Engineer and Data Analyst Popcap Games Shanghai Ltd., China	Mar. 2010 - Jun. 2010
	Research Intern Web Intelligence Group, Microsoft Research Asia, Beijing, China	Jul. 2009 - Oct. 2009
TEACHING EXPERIENCE	Teaching Assistant at CSE Dept, University of Washington CSE490U Natural Language Processing Instructor: Prof. Yejin Choi	Spring 2016
	Teaching Assistant at CIS Dept, University of Pennsylvania CIS502 Analysis of Algorithms Instructor: Prof. Sudipto Guha	Fall 2012
	CIS320 Intro to Algorithms Instructor: Prof. Sanjeev Khanna	Spring 2012
PUBLICATIONS	Kenton Lee, Luheng He , Mike Lewis, and Luke Zettlemoyer. End-to-end Neural Coreference Resolution <i>Conference on Empirical Methods in Natural Language Processing (EMNLP)</i> , 2017.	
	Luheng He , Kenton Lee, Mike Lewis, and Luke Zettlemoyer. Deep Semantic Role Labeling: What Works and What's Next <i>Annual Meeting of the Association for Computational Linguistics (ACL)</i> , 2017.	
	Luheng He , Julian Michael, Mike Lewis, and Luke Zettlemoyer. Human-in-the-Loop Parsing <i>Conference on Empirical Methods in Natural Language Processing (EMNLP)</i> , 2016.	

Luheng He, Mike Lewis, and Luke Zettlemoyer. Question-Answer Driven Semantic Role Labeling: Using Natural Language to Annotate Natural Language *Conference on Empirical Methods in Natural Language Processing (EMNLP)*, 2015.

Mike Lewis, **Luheng He**, and Luke Zettlemoyer. Joint A* CCG Parsing and Semantic Role Labeling. *Conference on Empirical Methods in Natural Language Processing (EMNLP)*, 2015.

Xi Victoria Lin, Sameer Singh, **Luheng He**, Ben Taskar and Luke Zettlemoyer. Multi-Label Learning with Posterior Regularization. *NIPS Workshop on Modern Machine Learning and Natural Language Processing*, 2014.

Luheng He, Jennifer Gillenwater, and Ben Taskar. Graph-based Posterior Regularization for Semi-Supervised Structured Prediction. *Conference on Computational Natural Language Learning (CoNLL)*, 2013.

Nathan N. Liu, **Luheng He**, and Qiang Yang. Social Temporal Collaborative Ranking for Context Aware Movie Recommendation *ACM Transactions on Intelligent Systems and Technology (TIST)*, 2013.

Luheng He, Nathan N. Liu, and Qiang Yang. Active Dual Collaborative Filtering with Both Item and Attribute Feedback. *AAAI Conference on Artificial Intelligence*, 2011.

Tianqi Chen, Zhao Zheng, Qiuxia Lu, Xiao Jiang, Yuqiang Chen, Weinan Zhang, Kailong Chen, Yong Yu, N Liu, Bin Cao, **Luheng He**, Qiang Yang Informative ensemble of multi-resolution dynamic factorization models. *KDD-Cup Workshop*, 2011.

HONORS AND AWARDS

KDD Cup 2011, 3rd. Place, as a member of team Inner Peace

ECML/PKDD Discovery Challenge 2011, as a member of team Inner Peace

- 5th. place in Cold Start Track
- 8th. place in Pooled Sequence Track

Academic Excellence Scholarship, Shanghai Jiao Tong University

- All Semesters, 2006-2009

ACM International Collegiate Programming Contest

- 5th. Place and Best Women's Team on Tokyo Site, as team leader, Asia Regional, Nov. 2007
- Silver Medal on Hanoi Site, Asia Regional, Dec. 2006

SKILLS

Computer Programming:

- C/C++, Python, Java

Deep Learning Frameworks:

- Tensorflow, Theano, DyNet