

Yanpeng Zhao

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RESEARCH INTERESTS	Natural Language Processing and Understanding, Machine Learning	
EDUCATION	ShanghaiTech University , Shanghai, China M.Sc., Computer Science Adviser: Kewei Tu	Sep 2015 - Present
	Wuhan University of Technology , Wuhan, China B.E. (with honors), Software Engineering Thesis: <i>Curriculum Learning of Bayesian Network Structures</i> (Outstanding Bachelor Thesis Award)	Sep 2011 - Jun 2015
CURRENT WORK	Latent Vector Context-free Grammar <ul style="list-style-type: none">Investigated constituency parsing with latent annotations, aiming to learn a better parse tree given the sentence and obtain compact grammars.Developed a novel constituency parsing algorithm, in which grammar rule weights are represented by the mixture of Gaussians. Our approach can learn weighted grammars in EM (Expectation–Maximization) with gradient descent optimization techniques.	Aug 2016 - Present
PUBLICATIONS	JOURNAL PAPERS Yanpeng Zhao, Yetian Chen, Kewei Tu, and Jin Tian. Learning Bayesian Network Structures Under Incremental Construction Curricula. <i>Neurocomputing</i> 2017. CONFERENCE PAPERS Yanpeng Zhao, Victoria W. Bi, Deng Cai, Xiaojiang Liu, Kewei Tu, Shuming Shi. Language Style Transfer from Non-Parallel Text with Arbitrary Styles. Submitted to ICLR 2018. Chen Zhu, Yanpeng Zhao, Shuaiyi Huang, Kewei Tu, and Yi Ma. Structured Attentions for Visual Question Answering. <i>In the International Conference on Computer Vision (ICCV 2017)</i> , Venice, Italy, October 22-29, 2017. Yanpeng Zhao, Shanbo Chu, Yang Zhou, and Kewei Tu. Sequence Prediction Using Neural Network Classifiers. <i>In the 13th International Conference on Grammatical Inference (ICGI 2016)</i> , Delft, The Netherlands, October 5-7, 2016. Yanpeng Zhao, Yetian Chen, Kewei Tu, and Jin Tian. Curriculum Learning of Bayesian Network Structures. <i>In the 7th Asian Conference on Machine Learning (ACML 2015)</i> , Hong Kong, China, November 20-22, 2015.	
EXPERIENCE	Tencent AI Lab , Shenzhen, China Research Intern with Dr. Victoria W. Bi, Dr. Xiaojiang Liu, and Dr. Shuming Shi <ul style="list-style-type: none">Investigated language style transfer with non-parallel text.Developed a novel model for the practical language style transfer task in the context of chatbot. Paper submitted to ICLR 2018.	Jul 2017 - Oct 2017
	SIST, ShanghaiTech University Teaching Assistant with Prof. Hao Chen and Prof. Sören Schwertfeger <ul style="list-style-type: none">Assisted instructors with lectures for CS100 (Programming Languages and Data Structures) and CS110 (Computer Architecture I).	Sep 2015 - Jun 2016
AWARDS AND HONORS	National Scholarships for Graduate Students (Awarded to top 5% students) Excellent Student, ShanghaiTech University (Awarded to top 15% students) 2nd place in the Sequence Prediction Challenge (SPICE), ICGI Meritorious Winner, The Mathematical Contest in Modeling (MCM) University Scholarships, Wuhan University of Technology	2017 2016 2016 2014 2011-2014
PROFESSIONAL SERVICE	Reviewer for the Neurocomputing Journal (2016, 2017) Volunteer at the ShanghaiTech Symposium on Information Science and Technology	Jun 2016