

# Yanpeng Zhao

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CONTACT INFORMATION	Room 1A-306, SIST Building, 199 Huanke Road, Pudong, Shanghai, China	<b>Phone:</b> (+86) 158-2710-9195 <b>Homepage:</b> <a href="http://zhaoyanpeng.cn">http://zhaoyanpeng.cn</a> <b>Email:</b> zhaoyyp1@shanghaitech.edu.cn
RESEARCH INTERESTS	Natural Language Processing and Understanding, Machine Learning	
EDUCATION	<b>ShanghaiTech University</b> , Shanghai, China M.Sc., Computer Science Adviser: Kewei Tu	Sep 2015 - Present
	<b>Wuhan University of Technology</b> , Wuhan, China B.E. ( <b>with honors</b> ), Software Engineering Thesis: <i>Curriculum Learning of Bayesian Network Structures</i> (Outstanding Bachelor Thesis Award)	Sep 2011 - Jun 2015
CURRENT WORK	<b>Latent Vector Context-free Grammar</b> <ul style="list-style-type: none"><li>• Investigated constituency parsing with latent variables, which aims to learn the better parse tree given the sentence while obtaining fine-grained grammars</li><li>• Developed a novel constituency parsing algorithm, in which the grammar rule weight is represented by the mixture of Gaussians. Our approach can learn weighted grammars in EM (Expectation–Maximization) with gradient descent optimization techniques</li></ul>	Aug 2016 - Present
PUBLICATIONS	<b>JOURNAL PAPERS</b> Yanpeng Zhao, Yetian Chen, Kewei Tu, and Jin Tian. <b>Learning Bayesian Network Structures Under Incremental Construction Curricula.</b> <i>Neurocomputing</i> 2017.  <b>CONFERENCE PAPERS</b> Chen Zhu, Yanpeng Zhao, Shuaiyi Huang, Kewei Tu, and Yi Ma. <b>Structured Attentions for Visual Question Answering.</b> <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. <b>Sequence Prediction Using Neural Network Classifiers.</b> <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. <b>Curriculum Learning of Bayesian Network Structures.</b> <i>In the 7th Asian Conference on Machine Learning (ACML 2015)</i> , Hong Kong, China, November 20-22, 2015.	
EXPERIENCE	<i>Research intern</i> Tencent AI Lab, China <ul style="list-style-type: none"><li>• Investigated style transfer for text.</li></ul> <i>Teaching Assistant</i> SIST, ShanghaiTech University, China <ul style="list-style-type: none"><li>• Assisted instructors with lectures for CS100 (Programming Languages and Data Structures) and CS110 (Computer Architecture I)</li></ul> <i>Summer Intern</i> State Key Lab of CAD & CG, Zhejiang University, China <ul style="list-style-type: none"><li>• Investigated stereo matching for 3D reconstruction</li><li>• Implemented the parallel algorithms for stereo matching in CUDA</li></ul>	Jul 2017 - present  Sep 2015 - Jun 2016  Jul 2014 - Aug 2014
AWARDS AND HONORS	Excellent Student, Shanghaitech University 2nd place in the Sequence Prediction Challenge (SPICE), ICGI Meritorious Winner, The Mathematical Contest in Modeling (MCM) First prize for China Undergraduate Mathematical Contest in Modeling (CUMCM), Provincial Level University Scholarships, Wuhan University of Technology	2016 2016 2014 2013 2011-2014
PROFESSIONAL SERVICE	Reviewer for the Neurocomputing Journal (2016, 2017)	