Yanpeng Zhao

CONTACT INFORMATION	Room 1A-306, SIST Building, 199 Huanke Road, Pudong, Shanghai, China	**Phone**: (+86) 158-2710-9195 **Homepage**: https://zhaoyanpeng.cn **Email**: zhaoyp1@shanghaitech.edu.cn

RESEARCH INTERESTS

Natural Language Processing and Understanding, Machine Learning

EDUCATION

ShanghaiTech University, Shanghai, China   Sep 2015 - Present
M.Sc., Computer Science
Adviser: Kewei Tu

Wuhan University of Technology, Wuhan, China   Sep 2011 - Jun 2015
B.E. (**with honors**), Software Engineering
Thesis: *Curriculum Learning of Bayesian Network Structures*

CURRENT WORK

Latent Vector Context-free Grammar   Aug 2016 - Present
- Investigated constituency parsing with latent annotations, aiming to learn a better parse tree given the sentence and obtain compact grammars.
- Developed a new framework for syntactic parsing. We model subtypes of grammar rules in a high dimensional continuous space.

PUBLICATIONS

JOURNAL PAPERS

Yanpeng Zhao, Yetian Chen, Kewei Tu, and Jin Tian. **Learning Bayesian Network Structures Under Incremental Construction Curricula**. *Neurocomputing 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**. *In the International Conference on Computer Vision (ICCV 2017)*, Venice, Italy, October 22-29, 2017.

Yanpeng Zhao, Shanbo Chu, Yang Zhou, and Kewei Tu. **Sequence Prediction Using Neural Network Classifiers**. *In the 13th International Conference on Grammatical Inference (ICGI 2016)*, Delft, The Netherlands, October 5-7, 2016.

Yanpeng Zhao, Yetian Chen, Kewei Tu, and Jin Tian. **Curriculum Learning of Bayesian Network Structures**. *In the 7th Asian Conference on Machine Learning (ACML 2015)*, Hong Kong, China, November 20-22, 2015.

EXPERIENCE

Tencent AI Lab, Shenzhen, China   Jul 2017 - Nov 2017
Research Intern with Dr. Victoria W. Bi, Dr. Xiaojiang Liu, and Dr. Shuming Shi
- Investigated language style transfer with non-parallel text.
- Developed a neural network based model to maintain the same language style of multi-round responses in a personalized chatbot. Paper submitted to ICLR 2018.

SIST, ShanghaiTech University   Sep 2015 - Jun 2016
Teaching Assistant with Prof. Hao Chen and Prof. Sören Schwertfeger
- Assisted instructors with lectures for CS100 (Programming Languages and Data Structures) and CS110 (Computer Architecture I).

AWARDS AND HONORS

National Scholarships for Graduate Students (top 5%)	2017
Excellent Student, ShanghaiTech University (top 15%)	2016
2nd place in the Sequence Prediction Challenge (SPICE), ICGI	2016
Outstanding Undergraduate Thesis Award, Hubei Province (top 5%)	2015
Meritorious Winner, The Mathematical Contest in Modeling (top 11%)	2014
University Scholarships, Wuhan University of Technology	2011-2014

PROFESSIONAL SERVICE

Reviewer for the Neurocomputing Journal (2016, 2017)
Volunteer at the ShanghaiTech Symposium on Information Science and Technology   Jun 2016