Shiyue Zhang

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EDUCATION

The University of North Carolina at Chapel Hill 2018.8 - Present
Ph.D. Student in Computer Science
Beijing University of Posts and Telecommunications 2011.9 - 2018.3
Master & Bachelor of Engineering in Communication Engineering

RESEARCH INTEREST

Natural Language Processing: Machine Comprehension;
Machine Learning: Deep Generative Models, Reinforcement Learning

RESEARCH EXPERIENCE

The University of North Carolina at Chapel Hill 2018.8 - Present
Ph.D. Student at UNC-NLP Lab, Supervisor: Prof. Mohit Bansal
- Machine Comprehension
- Question Answering, Question Generation

Carnegie Mellon University 2017.7 - 2017.9
Summer Intern, Supervisor: Prof. Eric P. Xing, Dr. Pengtao Xie
- Machine Learning for Medical Diagnosis
- Deep Generative Models, Automatic Medical Diagnosis

Tsinghua University 2016.9 - 2018.6
Research Intern, Supervisor: Prof. Dong Wang, Prof. Feng Yang
- Neural Machine Translation, Chinese Poem Generation
- Memory-augmented Neural Network

Beijing University of Posts and Telecommunications 2015.9 - 2018.3
Master Student, Supervisor: Prof. Zheng Hu
- Wikipedia Article Quality Assessment

PUBLICATION

Addressing Semantic Drift in Question Generation for Semi-Supervised Question Answering
Accepted by EMNLP 2019, Long Paper
Shiyue Zhang, Mohit Bansal

VV-Couplet: An Open Source Chinese Couplet Generation System
Accepted by APSIPA ASC 2018
Jiyuan Zhang, Zheling Zhang, **Shiyue Zhang**, Dong Wang

Memory-augmented Neural Machine Translation
Accepted by EMNLP 2017, Long Paper
Yang Feng, **Shiyue Zhang**, Andi Zhang, Dong Wang, Andrew Abel

Memory-augmented Chinese-Uyghur Neural Machine Translation
Accepted by APSIPA ASC 2017, *Best Paper Candidate*
Shiyue Zhang, Gulnigar Mahmut, DongWang, Askar Hamdulla

Enhanced Neural Machine Translation by Learning from Draft
Accepted by APSIPA ASC 2017
Aodong Li, **Shiyue Zhang**, Dong Wang, Thomas Fang Zheng

Flexible and Creative Chinese Poetry Generation Using Neural Memory
Accepted by ACL 2017
Jiyuan Zhang, Yang Feng, Dong Wang, Yang Wang, Andrew Abel, **Shiyue Zhang**,
Andi Zhang

Memory Visualization for Gated Recurrent Neural Networks in Speech Recognition
Accepted by ICASSP 2017
Zhiyuan Tang, Ying Shi, Dong Wang, Yang Feng, **Shiyue Zhang**

Medical Diagnosis From Laboratory Tests by Combining Generative and Discriminative Learning
Preprint on arXiv, 2017
Shiyue Zhang, Pengtao Xie, Dong Wang, Eric P. Xing

AWARD & SCHOLARSHIP	**National Scholarship, 2014 (Rank: 1/595)** **National Scholarship, 2013 (Rank: 6/595)** Excellent Graduate Award, 2015. First Class Scholarship, 2011, 2015, 2016, 2017. Excellent Undergraduate Awards, 2012, 2013, 2014.
SKILL	**Programming:** Python, C++, Bash, LaTeX, HTML **Software & Tool:** Tensorflow, Dynet, Theano, Git, Linux, MongoDB, Spark **Language:** Chinese(Native); English