Shiyue Zhang

Homepage
Google Scholar
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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: Language Generation, 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, Advisor: Mohit Bansal

- Language Generation
- Machine Comprehension
- NLP Application in Education

Carnegie Mellon University   2017.7 - 2017.9
Summer Intern, Supervisor: Eric P. Xing, Pengtao Xie

- Machine Learning for Medical Diagnosis
- Deep Generative Models, Automatic Medical Diagnosis

Tsinghua University   2016.9 - 2018.6
Research Intern, Supervisor: Dong Wang, Feng Yang

- Neural Machine Translation, Chinese Poem Generation
- Memory-augmented Neural Network

INTERNSHIP EXPERIENCE

Microsoft Research   2020.5 - 2020.8
Research Intern, Supervisor: Asli Celikyilmaz

- Email/Dialogue Thread Summarization

PUBLICATION

ChrEn: Cherokee-English Machine Translation for Endangered Language Revitalization
Accepted by EMNLP 2020, Long Paper
Shiyue Zhang, Benjamin Frey, Mohit Bansal

Leakage-Adjusted Simulatability: Can Models Generate Non-Trivial Explanations of Their Behavior in Natural Language?
Accepted by Findings of EMNLP 2020, Long Paper
Peter Hase, **Shiyue Zhang**, Harry Xie, Mohit Bansal

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: PyTorch, Tensorflow, Dynet, Theano, Git, Linux, MongoDB
	Language: Chinese(Native); English