

Weizhi Wang

CONTACT INFORMATION	699 Wangshang Rd Hangzhou, Zhejiang, China 310052	weizhi.wang@rutgers.edu [Personal Website]
RESEARCH FOCUS	<ul style="list-style-type: none">• Dialogue Systems: knowledge-enhanced dialogue systems with pre-trained models• Multilingual and Multimodal Translation: zero-shot/few-shot translation in large-scale multilingual translation systems; end-to-end speech-to-text translation• Pre-trained Models: prompt-based fine-tuning; parameter-efficient fine-tuning with adapters	
EDUCATION	Rutgers University , New Brunswick, NJ, USA <i>M.S. Computer Science</i> Award: Outstanding Graduate Academic Performance Award GPA: 4.0/4.0	Aug 2019 – Jun 2021
	Xi'an Jiaotong University , Xi'an, Shaanxi, China <i>B.E. Electrical Engineering</i> Scholarship: Siyuan Scholarship of Xi'an Jiaotong University GPA: 84.0/100.0	Aug 2015 – Jun 2019
PUBLICATIONS AND PREPRINTS	Rethinking Zero-shot Neural Machine Translation: From a Perspective of Latent Variables. Weizhi Wang , Zhirui Zhang, Yichao Du, Boxing Chen, Weihua Luo. Accepted by Findings of EMNLP 2021.	
	Task-Oriented Dialogue System as Natural Language Generation. Weizhi Wang , Zhirui Zhang, Junliang Guo, Yinpei Dai, Boxing Chen, Weihua Luo. arXiv preprint arXiv:2108.13679. Submitted to AAAI 2022.	
	Regularizing End-to-End Speech Translation with Triangular Decomposition Agreement. Yichao Du, Zhirui Zhang, Weizhi Wang , Boxing Chen, Jun Xie, Tong Xu, Weihua Luo. Submitted to AAAI 2022.	
	Adaptive Region Growing For Unmanned System. Tao Wang, Hui Cao, Xingyu Yan, Yanqing Ma, and Weizhi Wang . Chinese Control Conference (CCC) 2019. [PDF]	
RESEARCH INTERNSHIPS	Alibaba DAMO Academy , Hangzhou, CN <i>Mentor: Boxing Chen, Zhirui Zhang</i> Translation Group, Language Technology Lab Description: Working on Natural Language Generation topics, including Task-Oriented Dialogue Systems, Multilingual Neural Machine Translation, and Speech-to-Text Translation.	Sep 2020 – Present
	Rutgers University , New Brunswick, NJ, US <i>Mentor: Prof. Sungjin Ahn</i> Rutgers Machine Learning Group Description: Working on Representation Learning on Hippocampal-Entorhinal System of Human with Deep Generative Models.	Nov 2019 – May 2020
SKILLS	<ul style="list-style-type: none">- Language Efficiency: GRE: V-154, Q-170, W-4.0- <u>Support Programs</u>: Git, PyTorch, HuggingFace Transformers, FairSeq, Docker	
TEACHING EXPERIENCE	Teaching Assistant Rutgers University, New Brunswick, NJ, US CS170, Computer Applications of Business	Feb 2020 – May 2021