Weizhi Wang

CONTACT
INFORMATION

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Hangzhou, Zhejiang, China 310052

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[Personal Website] [Github Repos]

RESEARCH
FOCUS

I am focusing on the field of NLP, including specific topics of Dialogue Systems, Multilingual Translation, Multimodal Translation, and Large-scale Pre-trained Models.

EDUCATION

Rutgers University, New Brunswick, NJ, USA   Aug 2019 – Jun 2021
M.S. Computer Science
Award: Outstanding Graduate Academic Performance Award
GPA: 4.0/4.0

Xi'an Jiaotong University, Xi'an, Shaanxi, China   Aug 2015 – Jun 2019
B.E. Electrical Engineering
Scholarship: Siyuan Scholarship of Xi'an Jiaotong University
GPA: 84.0/100.0

PUBLICATIONS
AND PREPRINTS

[1] Rethinking Zero-shot Neural Machine Translation: From a Perspective of Latent Variables.
Weizhi Wang, Zhirui Zhang, Yichao Du, Boxing Chen, Weihua Luo.
EMNLP Findings 2021. [arXiv] [code]

[2] Regularizing End-to-End Speech Translation with Triangular Decomposition Agreement.
Yichao Du, Zhirui Zhang, **Weizhi Wang**, Boxing Chen, Jun Xie, Tong Xu, Weihua Luo.
Accepted by AAAI 2022.

[3] Non-Parametric Domain Adaptation for End-to-End Speech Translation.
Weizhi Wang*, Yichao Du*, Zhirui Zhang, Boxing Chen, Jun Xie, Tong Xu.
Under Review of ACL Rolling Review. (*Equal Contribution) [OpenReview]

[4] Task-Oriented Dialogue System as Natural Language Generation.
Weizhi Wang, Zhirui Zhang, Junliang Guo, Yinpei Dai, Boxing Chen, Weihua Luo.
Submitte to IJCAI 2022. [arXiv] [code]

RESEARCH
EXPERIENCE

Microsoft Research Asia, Beijing, CN   Nov 2021 – Present
Mentor: Dr. Li Dong, Dr. Xiaodong Liu, Dr. Jianfeng Gao
Nature Language Computing Group
Description: Working on Knowledge-enhanced Large-scale Pre-trained Models.

Alibaba DAMO Academy, Hangzhou, CN   Sep 2020 – Nov 2021
Mentor: Dr. Boxing Chen, Dr. Zhirui Zhang
Machine Translation Group, Language Technology Lab
Description: Working on Task-Oriented Dialogue Systems, Multilingual Neural Machine Translation, and Speech-to-Text Translation.

Rutgers University, New Brunswick, NJ, US   Nov 2019 – May 2020
Mentor: Prof. Sungjin Ahn
Rutgers Machine Learning Group
Description: Working on Representation Learning on Hippocampal-Entorhinal System of Human with Deep Generative Models.

TEACHING
EXPERIENCE

Teaching Assistant   Feb 2020 – May 2021
Rutgers University, New Brunswick, NJ, US
CS170, Computer Applications of Business