Haichao Zhu(朱海潮)

Ph.D. Candidate in Research Center for SCIR, Harbin Institute of Technology,

(+86) 13206569616   hczhu@ir.hit.edu.cn

RESEARCH INTERESTS

Natural Langugage Processing, Machine Reading Comprehension, Open-Domain Question Answering, Question Generation, Multimodality and Knowledge Distillation.

EDUCATION

Ph.D. Candidate, Harbin Institute of Technology 2017.9 - Present
Major: Computer Science, Supervisor: **Prof. Bing Qin**

M.S., Harbin Institute of Technology 2015.9 - 2017.6
Major: Software Engineering, Supervisor: **Prof. Bing Qin**

B.E., Harbin Institute of Technology 2010.9 - 2014.6
Major: Computer Science

PUBLICAION

Less Is More: Domain Adaptation with Lottery Ticket for Reading Comprehension
Haichao Zhu, Zekun Wang, Heng Zhang, Ming Liu, Sendong Zhao, Bing Qin
In *Findings of the Association for Computational Linguistics: EMNLP 2021* (**EMNLP'21**)

Learning to Ask Unanswerable Questions for Machine Reading Comprehension
Haichao Zhu, Li Dong, Furu Wei, Wenhui Wang, Bing Qin, Ting Liu
In *Proceedings of the 57th Annual Meeting of the Association for Computational Linguistics* (**ACL'19**)

Hierarchical Attention Flow for Multiple-Choice Reading Comprehension
Haichao Zhu, Furu Wei, Bing Qin, Ting Liu
In *Thirty-Second AAAI Conference on Artificial Intelligence* (**AAAI'18**)

Transforming Wikipedia into Augmented Data for Query-Focused Summarization
Haichao Zhu, Li Dong, Furu Wei, Bing Qin, Ting Liu
IEEE/ACM Transactions on Audio, Speech, and Language Processing (**TASLP, Under Review**)

Answer Guided Neural Network for Conversational Question Generation
Zekun Wang, **Haichao Zhu**, Ming Liu, Yiheng Xu, Bing Qin
International Journal of Machine Learning and Cybernetics (**IJMLC, Under Review**)

VEMML: A Framework of Jointly Learning Structural and Textual Informationfor Sparse Knowledge Graph Completion
Tao He, Tianwen Jiang, **Haichao Zhu**, Zihao Zheng, Ning Zhang, Heng Zhang, Ming Liu, Sendong Zhao, Bing Qin
AAAI Conference on Artificial Intelligence (**Submitted to AAAI'22**)

EXPERIENCE

Microsoft Research Asia (MSRA) 2018.10 - 2019.10
Research Intern in Natural Language Computing Group *Beijing, China*
Worked with Dr. Furu Wei and Dr. Li Dong on Machine Reading Comprehension (SQuAD 2.0) and Text Summarization (DUC and WikiRef).

Microsoft Software Technology Center Asia (STCA) 2017.5 - 2018.2
Research Intern in Relevance and News Group *Beijing, China*
Worked with Dr. Furu Wei and Mgr. Yongliang (Ryan) Ma on Multiple-choice Machine Reading Comprehension (RACE and LSAT).