

# Haichao Zhu(朱海潮)

Ph.D. Candidate in Harbin Institute of Technology

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## RESEARCH INTERESTS

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

## EDUCATION

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**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

## PUBLICATION

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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 Information for 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

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**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 and Text Summarization.

**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.