

## Research Interests

I am currently working on dialogue representation and generation. I am also interested in the explainability and interpretability of natural language models.

## Education

**Queen's University**, Canada Sep 2019 - present  
*Ph.D in Electrical and Computer Engineering*  
Advisor: Prof. Xiaodan Zhu

**Peking University**, China Sep 2014 - Jun 2018  
*B.S. in Computer Science*  
Advisor: Prof. Xiaojun Wan

## Publications

1. **Hui Liu**, Zhan Shi, Jia-Chen Gu, Quan Liu, Si Wei, Xiaodan Zhu, “**End-to-End Transition-Based Online Dialogue Disentanglement**”, IJCAI 2020
2. **Hui Liu**, Qingyu Yin, William Yang Wang, “**Towards Explainable NLP: A Generative Explanation Framework for Text Classification**”, ACL 2019
3. Jiwei Tan, Xiaojun Wan, **Hui Liu**, Jianguo Xiao, “**QuoteRec: Towards Quote Recommendation for Writings**”, ACM Transactions on Information Systems (TOIS), 2018

## Experience

**Language and Information Technologies (LIT) Group** Nov 2018 - Apr 2019  
University of Michigan, Ann Arbor, USA  
Supervisor: Prof. Rada Mihalcea

**UC Santa Barbara NLP Group** Jul 2018 - Sep 2018  
University of California, Santa Barbara, USA  
Supervisor: Prof. William Wang

**Lenovo AI Lab** Jan 2018 - May 2018  
Lenovo, Beijing, China  
Supervisor: Dr. Qingliang Miao

## Teaching

1. Teaching Assistant, ELEC 373 Computer Networks I, Queen's University, Winter 2020
2. Teaching Assistant, ELEC 425/825 Machine Learning and Deep Learning, Queen's University, Fall 2019

## Honors & Awards

2017 The Merit Student of Peking University  
2017 Honorable Mention of Mathematical Contest in Modeling, USA