Hui Liu

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https://layneins.github.io

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

Search Science and AI Group   Jul 2020 - Dec 2020

Amazon, Palo Alto, California, USA

Mentor: Dr. Danqing Zhang

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