

Minqian Liu

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EDUCATION

Virginia Tech

Ph.D. Student in Department of Computer Science

- Advisor: Prof. Lifu Huang

South China University of Technology (SCUT)

B.Eng. in Computer Science and Technology

- Advisors: Prof. Mingkui Tan and Prof. Xiaojun Quan (Sun Yat-sen University)

University of California, Berkeley

Visiting Student in the Department of Electrical Engineering and Computer Sciences

Blacksburg, USA

Aug. 2021-Present

Guangzhou, China

Sept. 2017-Jun. 2021

Berkeley, USA

Jan. 2019-May 2019

RESEARCH INTERESTS

My primary research interests lie in the field of natural language processing (NLP) and its applications. Specifically, I am interested in the following research topics:

- **Language technology for real-world applications**, including continual learning and few/zero-shot learning for NLP tasks.
- **Knowledge-driven information extraction**: extracting structured information empowered by external knowledge sources and knowledge-based reasoning.

PUBLICATIONS & MANUSCRIPTS

Dynamic Extension Nets for Few-shot Semantic Segmentation

- Lizhao Liu*, Junyi Cao*, **Minqian Liu***, Yong Guo*, Qi Chen*(*equal contribution*), Mingkui Tan.
- In *Proceedings of the 28th ACM International Conference on Multimedia*, 2020. [[paper](#)][[code](#)]

Progressive Dialogue State Tracking for Multi-domain Dialogue Systems

- Jiahao Wang, **Minqian Liu**, Xiaojun Quan.
- In *Proceedings of the IEEE International Conference on Acoustics, Speech and Signal Processing*, 2021. [[paper](#)]

Co-attention Network with Label Embedding for Text Classification

- **Minqian Liu**, Lizhao Liu, Junyi Cao, Qing Du.
- Under review at *Neurocomputing*.

HONORS & AWARDS

- Saliat Technology Innovation Scholarship (Top 10% in Computer Science Department), SCUT. 2020.
- Outstanding Undergraduate Overseas Study Scholarship, SCUT. 2019.
- Second Prize Scholarship (Top 15% in Computer Science Department), SCUT. 2018.

TEACHING

- Teaching Assistant of CS 3114: Data Structures and Algorithms, Fall 2021, Virginia Tech.