

TAO SHI

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Homepage: <https://taoshi1998.github.io>.

EDUCATION

Tsinghua University

Sep 2021 - Present

Master of Science in Data Science and Information Technology

Supervisor: Prof. Shao-Lun Huang

Cumulative GPA: 3.94/4.00

China University of Mining and Technology (CUMT)

Sep 2016 - Jun 2020

Bachelor of Engineering in Computer Science and Technology

2020 Outstanding Graduate

Bachelor's thesis: Multimodal Sentiment Analysis in Conversational Videos Based on Recurrent Neural Networks

Cumulative GPA: 87.73/100, Ranking: 21/245

Australian National University

Feb 2018 - Jun 2018

Exchange Program at the School of Computing

Cumulative GPA: 6.75/7.00

RESEARCH INTERESTS

Natural Language Processing, Computer Vision, Multimodal Learning

PUBLICATIONS

* indicates equal contribution

Emotion Recognition in Conversations

- Tao Shi and Shao-Lun Huang. "MultiEMO: An Attention-Based Correlation-Aware Multimodal Fusion Framework for Emotion Recognition in Conversations". In *Proceedings of the 61st Annual Meeting of the Association for Computational Linguistics (Volume 1: Long Papers)*, pages 14752–14766, Toronto, Canada. Association for Computational Linguistics. [\[PDF\]](#) [\[Code\]](#)
- Tao Shi*, Xiao Liang*, Yaoyuan Liang, Xinyi Tong, and Shao-Lun Huang. "SSLCL: An Efficient Model-Agnostic Supervised Contrastive Learning Framework for Emotion Recognition in Conversations". Under Review at *The 38th Annual AAAI Conference on Artificial Intelligence*. [\[Preprint\]](#) [\[Code\]](#)

Video Grounding

- Xiao Liang*, Tao Shi*, Yaoyuan Liang, Te Tao, and Shao-Lun Huang. "Exploring Iterative Refinement with Diffusion Models for Video Grounding". Under Review at *The 38th Annual AAAI Conference on Artificial Intelligence*. [\[Preprint\]](#) [\[Code\]](#)

AWARDS AND HONORS

First Prize Scholarship, Tsinghua University

Oct 2023

2020 Outstanding Graduate, CUMT

Jun 2020

2020 Outstanding Graduate Thesis and Dissertation Award, CUMT

Jun 2020

First Prize Scholarship, CUMT

Sep 2019

Outstanding Undergraduate International Exchange Scholarship, China Scholarship Council

Nov 2017

WORK EXPERIENCE

Teaching assistant of Seminar in Data Science and Information Technology, Tsinghua University

Feb 2023 - Jun 2023

ACADEMIC SERVICE

Conference reviewer at EMNLP 2023

Jul 2023 - Aug 2023

SKILLS

Languages: Mandarin (native), English (fluent, TOEFL 110, GRE 333 + 4.0), German (intermediate)

Programming languages and tools: Python, C++, Java, Matlab, Linux shell, Latex, git