

# Chujie Zheng 郑楚杰

## Contact Information

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Semantic Scholar	<a href="https://www.semanticscholar.org/author/Chujie-Zheng/146452866">https://www.semanticscholar.org/author/Chujie-Zheng/146452866</a>

## Education

- **Ph.D. Candidate**, Dept. of Computer Science and Technology, Tsinghua University Sep 2020 – Present  
*Advisor: Prof. [Minlie Huang](#)*
- **B.S.**, Dept. of Physics, Tsinghua University Aug 2016 – Jun 2020

## Research Interests

Natural Language Generation, Dialogue Systems

## Research Highlights

- Published **10+** papers at the top-tier conferences (ACL, EMNLP, AAAI).
- Google Scholar citations **440+**, h-index **11**, i10-index **11**.
- Built a series of **popular Chinese NLP / Dialogue benchmarks**, including [ChID](#) (ACL 2019, first-author), [KDConv](#) (ACL 2020, co-first author), [ESConv](#) (ACL 2021, co-first author), and [CDConv](#) (EMNLP 2022, first author).
- Conducted the systematic research on **empathetic dialogue systems**, focusing on how to express empathy ([CoMAE](#), [CEM](#), [CASE](#)) and how to provide effective emotional support ([ESConv](#), [AugESC](#)).
  - ESConv is the **first** step towards data-driven emotional support dialogue systems.
  - Combined with our proposed [LLM-based dialogue augmentation technique \(AugESC\)](#), we built [Emohaa](#), a Chinese emotional support chatbot.

## Main Publications (\*: Equal Contribution)

1. **Chujie Zheng**, Sahand Sabour, Jiaxin Wen, Zheng Zhang, Minlie Huang. *AugESC: Dialogue Augmentation with Large Language Models for Emotional Support Conversation*. [Findings of ACL 2023](#).
2. **Chujie Zheng**, Pei Ke, Zheng Zhang, Minlie Huang. *Click: Controllable Text Generation with Sequence Likelihood Contrastive Learning*. [Findings of ACL 2023](#).
3. Jinfeng Zhou\*, **Chujie Zheng\***, Bo Wang, Zheng Zhang, Minlie Huang. *CASE: Aligning Coarse-to-Fine Cognition and Affection for Empathetic Response Generation*. [ACL 2023](#).
4. **Chujie Zheng\***, Jinfeng Zhou\*, Yinhe Zheng, Libiao Peng, Zhen Guo, Wenquan Wu, Zhengyu Niu, Hua Wu, Minlie Huang. *CDConv: A Benchmark for Contradiction Detection in Chinese Conversations*. [EMNLP 2022](#).
5. Siyang Liu\*, **Chujie Zheng\***, Orianna Demasi, Sahand Sabour, Yu Li, Zhou Yu, Yong Jiang, Minlie Huang. *Towards Emotional Support Dialog Systems*. [ACL 2021](#).
6. **Chujie Zheng**, Yong Liu, Wei Chen, Yongcai Leng, Minlie Huang. *CoMAE: A Multi-factor Hierarchical Framework for Empathetic Response Generation*. [Findings of ACL 2021](#).
7. **Chujie Zheng**, Yunbo Cao, Daxin Jiang, Minlie Huang. *Difference-aware Knowledge Selection for Knowledge-grounded Conversation Generation*. [Findings of EMNLP 2020](#).
8. Hao Zhou\*, **Chujie Zheng\***, Kaili Huang, Minlie Huang, Xiaoyan Zhu. *KdConv: A Chinese Multi-domain Dialogue Dataset Towards Multi-turn Knowledge-driven Conversation*. [ACL 2020](#).
9. **Chujie Zheng**, Minlie Huang, Aixin Sun. *ChID: A Large-scale Chinese IDiom Dataset for Cloze Test*. [ACL 2019](#).
10. Yuxian Gu\*, Jiaxin Wen\*, Hao Sun\*, Yi Song, Pei Ke, **Chujie Zheng**, Zheng Zhang, Jianzhu Yao, Lei Liu, Xiaoyan Zhu, Minlie Huang. *EVA2.0: Investigating Open-domain Chinese Dialogue Systems with Large-scale Pre-training*. [Machine Intelligence Research 2023](#).

11. Jiawen Deng\*, Jingyan Zhou\*, Hao Sun, **Chujie Zheng**, Fei Mi, Helen Meng, Minlie Huang. *COLD: A Benchmark for Chinese Offensive Language Detection*. [EMNLP 2022](#).
12. Hao Sun\*, Guangxuan Xu\*, Jiawen Deng, Jiale Cheng, **Chujie Zheng**, Hao Zhou, Nanyun Peng, Xiaoyan Zhu, Minlie Huang. *On the Safety of Conversational Models: Taxonomy, Dataset, and Benchmark*. [Findings of ACL 2022](#).
13. Sahand Sabour, **Chujie Zheng**, Minlie Huang. *CEM: Commonsense-aware Empathetic Response Generation*. [AAAI 2022](#).
14. Hao Sun\*, Zhenru Lin\*, **Chujie Zheng**, Siyang Liu, Minlie Huang. *PsyQA: A Chinese Dataset for Generating Long Counseling Text for Mental Health Support*. [Findings of ACL 2021](#).

## Awards and Honors

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| • Comprehensive Scholarship (2nd Price), Tsinghua University                 | 2022 |
| • Comprehensive Scholarship (2nd Price), Tsinghua University                 | 2021 |
| • Chi-Sun YEH Scholarship (Top 5/100), Dept. of Physics, Tsinghua University | 2020 |
| • Outstanding Undergraduate, Tsinghua University                             | 2020 |
| • National Scholarship (Top 2/100)   | 2019 |
| • Overall Excellence Scholarship, Tsinghua University                        | 2018 |

## Services

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- Reviewer: ACL (22/23), EMNLP (21/22), AAAI (22/23), EACL (23), KNOSYS, TIST
- Review Assistant: EMNLP (20), AAAI (21), COLING (20)