Chujie Zheng 郑楚杰

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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

Language Models, Natural Language Generation, Dialogue Systems

Research Highlights

- Published **10+** papers at the top-tier conferences (ACL, EMNLP, AAAI).
- Google Scholar citations **360+**, h-index **10**, i10-index **11**.
- Built a series of **popular Chinese NLP / Dialogue benchmarks**, including ChID (ACL 2019, first-author), KDConv (ACL 2020, co-first author) and ESConv (ACL 2021, co-first author), receiving **170+** citations and **620+** GitHub stars in total.
- 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***, Jinfeng Zhou*, Yinhe Zheng, Libiao Peng, Zhen Guo, Wenquan Wu, Zhengyu Niu, Hua Wu and Minlie Huang. *CDConv: A Benchmark for Contradiction Detection in Chinese Conversations*. EMNLP 2022.

2. Siyang Liu*, **Chujie Zheng***, Orianna Demasi, Sahand Sabour, Yu Li, Zhou Yu, Yong Jiang and Minlie Huang. *Towards Emotional Support Dialog Systems*. ACL 2021.

3. **Chujie Zheng**, Yong Liu, Wei Chen, Yongcai Leng and Minlie Huang. *CoMAE: A Multi-factor Hierarchical Framework for Empathetic Response Generation*. Findings of ACL 2021.

4. **Chujie Zheng**, Yunbo Cao, Daxin Jiang and Minlie Huang. *Difference-aware Knowledge Selection for Knowledge-grounded Conversation Generation*. Findings of EMNLP 2020.

5. Hao Zhou*, **Chujie Zheng***, Kaili Huang, Minlie Huang and Xiaoyan Zhu. *KdConv: A Chinese Multi-domain Dialogue Dataset Towards Multi-turn Knowledge-driven Conversation*. ACL 2020.

6. **Chujie Zheng**, Minlie Huang and Aixin Sun. *ChID: A Large-scale Chinese IDiom Dataset for Cloze Test*. ACL 2019.

7. Jiawen Deng*, Jingyan Zhou*, Hao Sun, **Chujie Zheng**, Fei Mi, Helen Meng and Minlie Huang. *COLD: A Benchmark for Chinese Offensive Language Detection*. EMNLP 2022.

8. Hao Sun*, Guangxuan Xu*, Jiawen Deng, Jiale Cheng, **Chujie Zheng**, Hao Zhou, Nanyun Peng, Xiaoyan Zhu and Minlie Huang. *On the Safety of Conversational Models: Taxonomy, Dataset, and Benchmark*. Findings of ACL 2022.

9. Sahand Sabour, **Chujie Zheng** and Minlie Huang. *CEM: Commonsense-aware Empathetic Response Generation*. AAAI 2022.

10. Hao Sun*, Zhenru Lin*, **Chujie Zheng**, Siyang Liu and Minlie Huang. *PsyQA: A Chinese Dataset for Generating Long Counseling Text for Mental Health Support*. Findings of ACL 2021.

Awards and Honors

- 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

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