

Chujie Zheng 郑楚杰

Contact Information

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Education

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- **Ph.D. student**, Department of Computer Science and Technology, Tsinghua University Sep 2020 – Present
Advisor: [Minlie Huang](#)
 - **Visiting Scholar**, Computer Science Department, UCLA Nov 2023 – Present
Advisor: [Nanyun \(Violet\) Peng](#)
 - **B.S. in Physics**, Tsinghua University Aug 2016 – Jun 2020

Research Overview and Highlights

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- I have a broad research interest in **building trustworthy AI systems**, with the current focus on **LLM alignment and safety**. My recent researches made efforts to understand the intrinsic working mechanisms of modern LLMs ([preprint](#), [ICLR 2024](#)), discover their limitations and risks ([preprint](#), [ICLR 2024](#)), and align them with human expectations and social norms ([preprint](#), [ACL 2023](#)). Devoting all passion and wisdom, my ultimate research goal is to *advance and oversee AI systems in a scalable, automated way (with minimal human intervention) and ensure they operate transparently and responsibly*.
 - Previously, I also conducted a series of research on **LLMs for social good**, covering the topics of emotional support dialogue systems ([ACL 2021](#), [ACL 2023](#)) and empathetic dialogue generation ([ACL 2021](#), [AAAI 2022](#), [ACL 2023](#)).
 - In my early research career, I built a series of **popular NLP datasets**, including [ChID \(ACL 2019\)](#), [KDConv \(ACL 2020\)](#), [ESConv \(ACL 2021\)](#), [CDConv \(EMNLP 2022\)](#), [DiaSafety \(ACL 2022\)](#), and [COLD \(EMNLP 2022\)](#).
 - Google Scholar citations **840+**, h-index **14**, i10-index **16**.

Selected Papers (*: Equal Contribution)

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1. **Chujie Zheng**, Fan Yin, Hao Zhou, Fandong Meng, Jie Zhou, Kai-Wei Chang, Minlie Huang, Nanyun Peng. On Prompt-Driven Safeguarding for Large Language Models. *SeT LLM @ ICLR 2024*.
 2. **Chujie Zheng**, Hao Zhou, Fandong Meng, Jie Zhou, Minlie Huang. Large Language Models Are Not Robust Multiple Choice Selectors. *ICLR 2024 (Spotlight: 5%)*.
 3. **Chujie Zheng**, Pei Ke, Zheng Zhang, Minlie Huang. Click: Controllable Text Generation with Sequence Likelihood Contrastive Learning. *ACL 2023 Findings*.
 4. **Chujie Zheng**, Sahand Sabour, Jiaxin Wen, Zheng Zhang, Minlie Huang. AugESC: Dialogue Augmentation with Large Language Models for Emotional Support Conversation. *ACL 2023 Findings*.
 5. Siyang Liu*, **Chujie Zheng***, Orianna Demasi, Sahand Sabour, Yu Li, Zhou Yu, Yong Jiang, Minlie Huang. Towards Emotional Support Dialog Systems. *ACL 2021*.

Other Papers

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6. Jinfeng Zhou*, **Chujie Zheng***, Bo Wang, Zheng Zhang, Minlie Huang. CASE: Aligning Coarse-to-Fine Cognition

and Affection for Empathetic Response Generation. ACL 2023.

7. **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.
8. Jiawen Deng*, Jingyan Zhou*, Hao Sun, **Chujie Zheng**, Fei Mi, Helen Meng, Minlie Huang. *COLD: A Benchmark for Chinese Offensive Language Detection*. EMNLP 2022.
9. 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*. ACL 2022 Findings.
10. Sahand Sabour, **Chujie Zheng**, Minlie Huang. *CEM: Commonsense-aware Empathetic Response Generation*. AAAI 2022.
11. **Chujie Zheng**, Minlie Huang. *Exploring Prompt-based Few-shot Learning for Grounded Dialog Generation*. arXiv:2109.06513.
12. Hao Zhou*, Pei Ke*, Zheng Zhang*, Yuxian Gu, Yinhe Zheng, **Chujie Zheng**, Yida Wang, Chen Henry Wu, Hao Sun, Xiaocong Yang, Bosi Wen, Xiaoyan Zhu, Minlie Huang, Jie Tang. *EVA: An Open-Domain Chinese Dialogue System with Large-Scale Generative Pre-Training*. arXiv:2108.01547.
13. **Chujie Zheng**, Yong Liu, Wei Chen, Yongcai Leng, Minlie Huang. *CoMAE: A Multi-factor Hierarchical Framework for Empathetic Response Generation*. ACL 2021 Findings.
14. Hao Sun*, Zhenru Lin*, **Chujie Zheng**, Siyang Liu, Minlie Huang. *PsyQA: A Chinese Dataset for Generating Long Counseling Text for Mental Health Support*. ACL 2021 Findings.
15. **Chujie Zheng**, Yunbo Cao, Daxin Jiang, Minlie Huang. *Difference-aware Knowledge Selection for Knowledge-grounded Conversation Generation*. EMNLP 2020 Findings.
16. 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.
17. **Chujie Zheng**, Minlie Huang, Aixin Sun. *ChID: A Large-scale Chinese IDiom Dataset for Cloze Test*. ACL 2019.

Selected Awards and Honors

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| • Schlumberger Scholarship, Tsinghua University | 2023 |
| • Comprehensive Merit Scholarship, Tsinghua University | 2022 |
| • Outstanding Undergraduate, Tsinghua University | 2020 |
| • China National Scholarship (Top 2/100) | 2019 |
| • Comprehensive Merit Scholarship, Tsinghua University | 2018 |

Academic Services

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- **Area Chair:** ACL (24), ACL Rolling Review (24)
 - **Conference Reviewer:** ACL (22/23), EMNLP (21/22), NAACL (24), EACL (23), ACL Rolling Review (21/22/23), CogSci (24), AAAI (22/23)
 - **Journal Reviewer:** IEEE Transactions on Computational Social Systems (24), ACM Transactions on the Web (22), ACM Transactions on Intelligent Systems and Technology (22), Knowledge-Based Systems (21)