

# 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** ([preprint](#), [ICLR 2024 Spotlight](#), [ICML 2024](#)). My ultimate research goal is to **advance and oversee AI systems in a scalable way (with minimal human intervention) and ensure they operate transparently and responsibly**.
  - Previously, I conducted 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 **960+**, h-index **15**, i10-index **16**.

## Selected Papers

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1. **Weak-to-Strong Extrapolation Expedites Alignment**  
Chujie Zheng, Ziqi Wang, Heng Ji, Minlie Huang, Nanyun Peng  
*arXiv:2404.16792 (10K+ downloads on HuggingFace in 2 weeks)*
  2. **On Prompt-Driven Safeguarding for Large Language Models**  
Chujie Zheng, Fan Yin, Hao Zhou, Fandong Meng, Jie Zhou, Kai-Wei Chang, Minlie Huang, Nanyun Peng  
*ICML 2024*
  3. **Large Language Models Are Not Robust Multiple Choice Selectors**  
Chujie Zheng, Hao Zhou, Fandong Meng, Jie Zhou, Minlie Huang  
*ICLR 2024 (Spotlight: 5%)*
  4. **Click: Controllable Text Generation with Sequence Likelihood Contrastive Learning**

**Chujie Zheng**, Pei Ke, Zheng Zhang, Minlie Huang

*ACL 2023 Findings*

5. **AugESC: Dialogue Augmentation with Large Language Models for Emotional Support Conversation**

**Chujie Zheng**, Sahand Sabour, Jiaxin Wen, Zheng Zhang, Minlie Huang

*ACL 2023 Findings*

6. **Towards Emotional Support Dialog Systems**

Siyang Liu\*, **Chujie Zheng\***, Orianna Demasi, Sahand Sabour, Yu Li, Zhou Yu, Yong Jiang, Minlie Huang (\*: Equal contribution)

*ACL 2021*

## Other Papers

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7. **CASE: Aligning Coarse-to-Fine Cognition and Affection for Empathetic Response Generation**

Jinfeng Zhou\*, **Chujie Zheng\***, Bo Wang, Zheng Zhang, Minlie Huang

*ACL 2023*

8. **EVA2.0: Investigating Open-domain Chinese Dialogue Systems with Large-scale Pre-training**

Yuxian Gu\*, Jiaxin Wen\*, Hao Sun\*, Yi Song, Pei Ke, **Chujie Zheng**, Zheng Zhang, Jianzhu Yao, Lei Liu, Xiaoyan Zhu, Minlie Huang

*Machine Intelligence Research 2023*

9. **CDConv: A Benchmark for Contradiction Detection in Chinese Conversations**

**Chujie Zheng\***, Jinfeng Zhou\*, Yinhe Zheng, Libiao Peng, Zhen Guo, Wenquan Wu, Zhengyu Niu, Hua Wu, Minlie Huang

*EMNLP 2022*

10. **COLD: A Benchmark for Chinese Offensive Language Detection**

Jiawen Deng\*, Jingyan Zhou\*, Hao Sun, **Chujie Zheng**, Fei Mi, Helen Meng, Minlie Huang

*EMNLP 2022*

11. **On the Safety of Conversational Models: Taxonomy, Dataset, and Benchmark**

Hao Sun\*, Guangxuan Xu\*, Jiawen Deng, Jiale Cheng, **Chujie Zheng**, Hao Zhou, Nanyun Peng, Xiaoyan Zhu, Minlie Huang

*ACL 2022 Findings*

12. **CEM: Commonsense-aware Empathetic Response Generation**

Sahand Sabour, **Chujie Zheng**, Minlie Huang

*AAAI 2022*

13. **Exploring Prompt-based Few-shot Learning for Grounded Dialog Generation**

**Chujie Zheng**, Minlie Huang

*arXiv:2109.06513*

14. **EVA: An Open-Domain Chinese Dialogue System with Large-Scale Generative Pre-Training**

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

*arXiv:2108.01547*

15. **CoMAE: A Multi-factor Hierarchical Framework for Empathetic Response Generation**

**Chujie Zheng**, Yong Liu, Wei Chen, Yongcai Leng, Minlie Huang

*ACL 2021 Findings*

16. **PsyQA: A Chinese Dataset for Generating Long Counseling Text for Mental Health Support**

Hao Sun\*, Zhenru Lin\*, **Chujie Zheng**, Siyang Liu, Minlie Huang

*ACL 2021 Findings*

17. **Difference-aware Knowledge Selection for Knowledge-grounded Conversation Generation**

**Chujie Zheng**, Yunbo Cao, Daxin Jiang, Minlie Huang

*EMNLP 2020 Findings*

18. **KdConv: A Chinese Multi-domain Dialogue Dataset Towards Multi-turn Knowledge-driven Conversation**

Hao Zhou\*, **Chujie Zheng\***, Kaili Huang, Minlie Huang, Xiaoyan Zhu

*ACL 2020*

19. **ChID: A Large-scale Chinese IDiom Dataset for Cloze Test**

**Chujie Zheng**, Minlie Huang, Aixin Sun

*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)
- **Reviewer:** ICML (24), ACL (22/23), EMNLP (21/22), NAACL (24), EACL (23), ACL Rolling Review (21/22/23), CogSci (24), AAAI (22/23)