# Chujie Zheng 郑楚杰

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## Education

- Ph.D. candidate in Computer Science and Technology, Tsinghua University    Sep 2020 – Present
  Advisor: Minlie Huang
- Visiting Researcher, UCLA    Nov 2023 – Jun 2024
  Host: Nanyun (Violet) Peng
- B.S. in Foundational Mathematics and Physics, Tsinghua University    Aug 2016 – Jun 2020

## Work Experiences

- Researcher. Qwen Team, Alibaba Group    Oct 2024 – Present
  - Built the **Qwen3** series foundation models
  - Built the **QwQ** series reasoning models
  - Built **ProcessBench** and **Qwen2.5-Math-PRM** for process supervision in mathematical reasoning
- Research Intern. 01.AI    Jul 2024 – Oct 2024
  - Built **Yi-Lightning**, which ranks **#6 on Chatbot Arena** (as of 10/14/2024)
- Research Intern. Baidu    Feb 2022 – Jun 2022

## Highlighted Papers

Google Scholar (**2100+** citations, h-index **23**): https://scholar.google.com/citations?user=55zBNgUAAAAJ

1. **ProcessBench: Identifying Process Errors in Mathematical Reasoning**
   **Chujie Zheng**, Zhenru Zhang, Beichen Zhang, Runji Lin, Keming Lu, Bowen Yu, Dayiheng Liu, Jingren Zhou, Junyang Lin
   *ACL 2025*
   [paper] [repo] [🤗 data]

2. **Model Extrapolation Expedites Alignment**
   **Chujie Zheng**, Ziqi Wang, Heng Ji, Minlie Huang, Nanyun Peng
   *ACL 2025*
   [paper] [repo] [🤗 model] *(140K+ downloads)*

3. **The Lessons of Developing Process Reward Models in Mathematical Reasoning**
   Zhenru Zhang, **Chujie Zheng**, Yangzhen Wu, Beichen Zhang, Runji Lin, Bowen Yu, Dayiheng Liu, Jingren Zhou, Junyang Lin
   *Findings of ACL 2025*
   [paper] [🤗 model]

4. **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*
   [paper] [repo]

5. **Large Language Models Are Not Robust Multiple Choice Selectors**
   **Chujie Zheng**, Hao Zhou, Fandong Meng, Jie Zhou, Minlie Huang
   *ICLR 2024 (Spotlight: 5%)*
   [paper] [repo]

## Other Papers

6. **Click: Controllable Text Generation with Sequence Likelihood Contrastive Learning**
   **Chujie Zheng**, Pei Ke, Zheng Zhang, Minlie Huang
   *Findings of ACL 2023*

7. **AugESC: Dialogue Augmentation with Large Language Models for Emotional Support Conversation**
   **Chujie Zheng**, Sahand Sabour, Jiaxin Wen, Zheng Zhang, Minlie Huang
   *Findings of ACL 2023*

8. **CASE: Aligning Coarse-to-Fine Cognition and Affection for Empathetic Response Generation**
   Jinfeng Zhou*, **Chujie Zheng***, Bo Wang, Zheng Zhang, Minlie Huang
   *ACL 2023 (Oral)*

9. **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*

10. **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 (Oral)*

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

12. **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
    *Findings of ACL 2022*

13. **CEM: Commonsense-aware Empathetic Response Generation**
    Sahand Sabour, **Chujie Zheng**, Minlie Huang
    *AAAI 2022 (Oral)*

14. **Exploring Prompt-based Few-shot Learning for Grounded Dialog Generation**
    <u>Chujie Zheng</u>, Minlie Huang
    *arXiv:2109.06513*

15. **EVA: An Open-Domain Chinese Dialogue System with Large-Scale Generative Pre-Training**
    Hao Zhou*, Pei Ke*, Zheng Zhang*, Yuxian Gu, Yinhe Zheng, <u>Chujie Zheng</u>, Yida Wang, Chen Henry Wu,
    Hao Sun, Xiaocong Yang, Bosi Wen, Xiaoyan Zhu, Minlie Huang, Jie Tang
    *arXiv:2108.01547*

16. **Towards Emotional Support Dialog Systems**
    Siyang Liu*, <u>Chujie Zheng*</u>, Orianna Demasi, Sahand Sabour, Yu Li, Zhou Yu, Yong Jiang, Minlie Huang (*:
    Equal contribution)
    *ACL-IJCNLP 2021 <span style="color:red">(Oral)</span>*

17. **CoMAE: A Multi-factor Hierarchical Framework for Empathetic Response Generation**
    <u>Chujie Zheng</u>, Yong Liu, Wei Chen, Yongcai Leng, Minlie Huang
    *Findings of ACL-IJCNLP 2021*

18. **PsyQA: A Chinese Dataset for Generating Long Counseling Text for Mental Health Support**
    Hao Sun*, Zhenru Lin*, <u>Chujie Zheng</u>, Siyang Liu, Minlie Huang
    *Findings of ACL-IJCNLP 2021*

19. **Difference-aware Knowledge Selection for Knowledge-grounded Conversation Generation**
    <u>Chujie Zheng</u>, Yunbo Cao, Daxin Jiang, Minlie Huang
    *Findings of EMNLP 2020*

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

21. **ChID: A Large-scale Chinese IDiom Dataset for Cloze Test**
    <u>Chujie Zheng</u>, Minlie Huang, Aixin Sun
    *ACL 2019*

## Selected Awards and Honors

- Comprehensive Merit Scholarship, Tsinghua University      2021 – 2024
- Outstanding Undergraduate, Tsinghua University      2020
- China National Scholarship (Top 2/100)      2019
- Comprehensive Merit Scholarship, Tsinghua University      2018

## Academic Services

- **Area Chair:** ACL (24/25), EMNLP (24/25), NAACL (25), ACL Rolling Review (24/25)
- **Reviewer:** ICLR (25), NeurIPS (24/25), ICML (24), COLM (24/25), ACL (22/23), EMNLP (21/22), NAACL (24),
  EACL (23), ACL Rolling Review (21/22/23), CogSci (24), AAAI (22/23)