

# Chujie Zheng 郑楚杰

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## Work Experiences

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- Researcher. Qwen Team, Alibaba Group Oct 2024 – Present
  - Proposed the **Group Sequence Policy Optimization (GSPO)** algorithm
  - 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

## Education

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- Ph.D. in Computer Science and Technology, Tsinghua University Sep 2020 – Jun 2025  
Advisor: Minlie Huang
- Visiting Researcher. UCLA Nov 2023 – Jun 2024  
Host: Nanyun (Violet) Peng
- B.S. in Mathematics and Physics, Tsinghua University Aug 2016 – Jun 2020

## Publications (\*: Equal Contribution)

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Google Scholar (**5300+** citations, h-index **25**): <https://scholar.google.com/citations?user=55zBNgUAAAAJ>

1. **Model Extrapolation Expedites Alignment**  
**Chujie Zheng**, Ziqi Wang, Heng Ji, Minlie Huang, Nanyun Peng  
[ACL 2025](#)
2. **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](#)
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](#)
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

5. **Large Language Models Are Not Robust Multiple Choice Selectors**  
**Chujie Zheng**, Hao Zhou, Fandong Meng, Jie Zhou, Minlie Huang  
ICLR 2024 (Spotlight: 5%)
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. **Towards Emotional Support Dialog Systems**  
Siyang Liu\*, **Chujie Zheng\***, Orianna Demasi, Sahand Sabour, Yu Li, Zhou Yu, Yong Jiang, Minlie Huang  
ACL-IJCNLP 2021 (Oral)
15. **CoMAE: A Multi-factor Hierarchical Framework for Empathetic Response Generation**  
**Chujie Zheng**, Yong Liu, Wei Chen, Yongcai Leng, Minlie Huang  
Findings of ACL-IJCNLP 2021

16. **PsyQA: A Chinese Dataset for Generating Long Counseling Text for Mental Health Support**  
Hao Sun\*, Zhenru Lin\*, **Chujie Zheng**, Siyang Liu, Minlie Huang  
Findings of ACL-IJCNLP 2021
17. **Difference-aware Knowledge Selection for Knowledge-grounded Conversation Generation**  
**Chujie Zheng**, Yunbo Cao, Daxin Jiang, Minlie Huang  
Findings of EMNLP 2020
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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- Spotlight Recipient of the 2025 WAIC Yunfan Award (云帆奖·明日之星), WAIC 2025
- Outstanding Graduate, DCST, Tsinghua University 2025
- Outstanding Undergraduate, Tsinghua University 2020
- China National Scholarship (Top 2/100) 2019

## Academic Services

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- **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)