

Jian Guan (关键)

CONTACT INFORMATION

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EDUCATION

Ph.D. Student, Dept. of Computer Science and Technology, Tsinghua University, Beijing Aug 2019 - present

Supervisor: Prof. [Minlie Huang](#)

B.S., Dept. of Physics, Tsinghua University, Beijing

Aug 2015 – Jun 2019

RESEARCH INTERESTS

Open-Ended Language Generation and Evaluation, Storytelling

RESEARCH HIGHLIGHTS

- Published **10+** papers in the top conferences/journals (ACL, AAAI, NeurIPS, EMNLP, NAACL, TACL).
- Google Scholar **670+**, H-index **11**.
- Commonsense Story Generation (published in TACL 2020, first author), which is one of the earliest studies to incorporate commonsense knowledge into the generative pre-training models, has received **150+** Google scholar citations since January, 2020.
- Story Ending Generation (published in AAAI 2019, co-first author) was reported by TechXplore and has received **130+** Google scholar citations since January, 2020.
- The Chinese Long Text Pre-training Model LongLM (published in TACL 2022, first author) has received **1000+** downloads per month since November, 2021.
- Excelled in studies during the undergraduate and graduate period with a solid foundation of mathematics, and has won multiple school-level top scholarships.

MAIN PUBLICATIONS

* indicates equal contribution

- Jian Guan**, Zhenyu Yang, Rongsheng Zhang, Zhipeng Hu, Minlie Huang. *Generating Coherent Narratives by Learning Dynamic and Discrete Entity States with a Contrastive Framework*. In [AAAI 2023](#).
- Jian Guan**, Ziqi Liu, Minlie Huang. *A Corpus for Understanding and Generating Moral Stories*. In [NAACL 2022](#).
- Jian Guan**, Zhuoer Feng, Yamei Chen, Ruilin He, Xiaoxi Mao, Changjie Fan, Minlie Huang. *LOT: A Benchmark for Evaluating Chinese Long Text Understanding and Generation*. In [TACL 2022](#).
- Jian Guan**, Zhexin Zhang, Zhuoer Feng, Zitao Liu, Wenbiao Ding, Xiaoxi Mao, Changjie Fan, Minlie Huang. *OpenMEVA: A Benchmark for Evaluating Open-ended Story Generation Metrics*. In [ACL 2021](#).
- Jian Guan**, Xiaoxi Mao, changjie fan, Zitao Liu, Wenbiao Ding, Minlie Huang. *Long Text Generation by Modeling Sentence-Level and Discourse-Level Coherence*. In [ACL 2021](#).
- Jian Guan**, Minlie Huang. *UNION: An Unreferenced Metric for Evaluating Open-ended Story Generation*. In [EMNLP 2020](#).

7. **Jian Guan**, Fei Huang, Zhihao Zhao, Xiaoyan Zhu, and Minlie Huang. *A knowledge-enhanced pretraining model for commonsense story generation*. In [TACL 2020](#).
8. Xueying Bai*, **Jian Guan***, and Hongning Wang. *A Model-Based Reinforcement Learning with Adversarial Training for Online Recommendation*. In [NeurIPS 2019](#).
9. **Jian Guan***, Yansen Wang*, and Minlie Huang. *Story ending generation with incremental encoding and commonsense knowledge*. In [AAAI 2019](#).
10. Jiaxin Wen*, Zhexin Zhang*, **Jian Guan**, Minlie Huang. *Persona-Guided Planning for Controlling the Protagonist's Persona in Story Generation*. In [NAACL 2022](#).
11. Xiangzhe Kong*, Jialiang Huang*, Ziquan Tung*, **Jian Guan** and Minlie Huang. *Stylized Story Generation with Style-Guided Planning*. In [Findings of ACL 2021 \(short paper\)](#).
12. Pei Ke, **Jian Guan**, Minlie Huang, and Xiaoyan Zhu. *Generating informative responses with controlled sentence function*. In [ACL 2018](#).
13. Zhengyan Zhang, Xu Han, Hao Zhou, Pei Ke, Yuxian Gu, Deming Ye, Yujia Qin, YuSheng Su, Haozhe Ji, **Jian Guan**, Fanchao Qi, Xiaozhi Wang, Yanan Zheng, Guoyang Zeng, Huanqi Cao, Shengqi Chen, Daixuan Li, Zhenbo Sun, Zhiyuan Liu, Minlie Huang, Wentao Han, Jie Tang, Juanzi Li, Xiaoyan Zhu, Maosong Sun. *CPM: A Large-scale Generative Chinese Pre-trained Language Model*. In [AI Open 2021](#).

OPEN-SOURCED PROJECTS

1. [Must-Read Papers for Open-Ended Language Generation](#). (Github 150+ Stars)
2. [Chinese Long Text Pretraining Models: LongLM](#). (Download 1000+/month)

AWARDS AND HONORS

Microsoft Research Asia Fellowship Nomination Award	2022
National scholarship for doctoral students	2021
Excellent Undergraduate, Beijing	2019
Outstanding Undergraduate, Tsinghua University	2019
Overall Excellence Scholarship, Tsinghua University	2018
Overall Excellence Scholarship, Tsinghua University	2017
Academic Excellence Scholarship, Tsinghua University	2016
Social Work Excellence Scholarship, Tsinghua University	2016
Freshman Scholarship, Tsinghua University	2015