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**教育经历**

**工学博士，计算机科学与技术系，清华大学 2019年8月 - 2024年6月**

导师：[黄民烈 教授](http://coai.cs.tsinghua.edu.cn/hml/)

GPA: 3.56/4.00

**理学学士，物理系，清华大学 2015年8月 - 2019年6月**

GPA: 3.50/4.00；排名：7/49

**工作经历**

**副研究员，蚂蚁技术研究院，蚂蚁集团 2024年7月 - 至今**

**实习经历**

**研究科学家, [艾伦人工智能研究院 (AI2)](https://allenai.org/), 西雅图，美国 2023年1月 - 2023年4月**

**科研实习，弗吉尼亚大学，夏洛茨维尔，美国 2018年6月 - 2018年9月**

**科研实习，CoAI Group，北京，清华大学，中国 2017年6月 - 2019年6月**

**研究亮点**

1. 发表**20+**篇一作或通讯论文（NeurIPS, ICML, ICLR, ACL, AAAI, WWW, EMNLP, NAACL, TACL），引用**1300+**，H-index **15**
2. 博士论文入选2024年中国**中文信息学会博士学位论文激励计划**（全国Top 10）和**清华大学优秀博士论文**
3. 多模态长视频理解模型ViLAMP（ICML 2025，一作）在VideoMME榜单上取得**开源7B模型SOTA表现**
4. 故事风格迁移模型StoryTrans（ACL 2023，一作）获**ACL 2023 Area Chair Award**
5. 中文长文本预训练模型 LongLM（TACL2022）累计下载15k+
6. 博士期间长期深耕**长文本生成和评价领域**，包括**数据资源构建**（ACL 2021; NAACL 2022; TACL 2022）、**提升长程连贯性**（ACL 2021; AAAI 2023）、**减少知识幻觉**（AAAI 2019；TACL 2020）、**提升生成可控性**（ACL 202; NAACL 2022; ACL 2023）、**文本生成评价算法**（EMNLP 2020）
   1. 数据使用和申请者包括Amazon、Meta、AI2、腾讯、网易、华为云等著名研究机构
   2. 研究成果多次获得顶级名校教授的引用，包括Kevin Knight（ACL fellow）、Ruslan Salakhutdinov（CMU教授，引用10w+）、Yejin Choi（UW教授，引用4w+）、Noah Smith（UW教授，引用4w+）等

**学术论文**

**研究兴趣：**自然语言生成、大模型复杂推理、个性化对齐

**论文列表**（其中\*表示共同一作，†表示通讯，按照时间倒序排列）：

1. **自然语言生成**
2. Zhuocheng Gong\*, Ang Lv\*, **Jian Guan**†, Junxi Yan, Wei Wu, Huishuai Zhang, Minlie Huang, Dongyan Zhao, Rui Yan. Mixture-of-Modules: Reinventing Transformers as Dynamic Assemblies of Modules. In EMNLP 2024 (CCF-B类会议).
3. **Jian Guan**, Jesse Dodge, David Wadden, Minlie Huang, Hao Peng. Language Models Hallucinate, but May Excel at Fact Verification. In NAACL 2024 (CCF-B类会议).
4. Jiaxin Wen, Hao Zhou, **Jian Guan**, Jie Zhou, Minlie Huang. Re3Dial: Retrieve, Reorganize and Rescale Conversations for Long-Turn Open-Domain Dialogue Pre-training. In EMNLP 2023 (CCF-B类会议)
5. Xuekai Zhu\*, **Jian Guan\***, Minlie Huang, Juan Liu.StoryTrans: Non-Parallel Story Author-Style Transfer with Discourse Representations and Content Enhancing. In ACL 2023 (CCF-A类会议). [Area Chair Award]
6. Zhexin Zhang, **Jian Guan**, Xin Cui, Yu Ran, Bo Liu and Minlie Huang. Self-Supervised Sentence Polishing by Adding Engaging Modifiers. In ACL 2023 (Demo).
7. **Jian Guan**, Minlie Huang. Mitigating the Learning Bias towards Repetition by Self-Contrastive Training for Open-Ended Generation. In Findings of ACL 2023 (Short Paper).
8. **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 (CCF-A类会议).
9. Zhexin Zhang\*, **Jian Guan\***, Guowei Xu, Yixiang Tian, Minlie Huang. Automatic Comment Generation for Chinese Student Narrative Essays. In EMNLP 2022 (Demo).
10. **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 (CCF-B类期刊).
11. **Jian Guan**, Ziqi Liu, Minlie Huang. A Corpus for Understanding and Generating Moral Stories. In NAACL 2022 (CCF-B类会议).
12. Jiaxin Wen\*, Zhexin Zhang\*, **Jian Guan**, Minlie Huang. Persona-Guided Planning for Controlling the Protagonist’s Persona in Story Generation. In NAACL 2022 (CCF-B类会议).
13. **Jian Guan**, Minlie Huang. UNION: An Unreferenced Metric for Evaluating Open-ended Story Generation. In EMNLP 2020 (CCF-B类会议).
14. **Jian Guan**, Fei Huang, Zhihao Zhao, Xiaoyan Zhu, and Minlie Huang. A knowledge-enhanced pretraining model for commonsense story generation. In TACL 2020 (CCF-B类期刊).
15. **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 (CCF-A类会议).
16. **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 (CCF-A类会议).
17. Xiangzhe Kong\*, Jialiang Huang\*, Ziquan Tung\*, **Jian Guan**,Minlie Huang. Stylized Story Generation with Style-Guided Planning. In Findings of ACL 2021 (Short Paper).
18. Zhengyan Zhang, **Jian Guan**, et al. CPM-2: Large-scale Cost-efficient Pre-trained Language Models. In AI Open 2021.
19. Zhengyan Zhang, **Jian Guan,** et al. CPM: A large-scale generative Chinese pre-trained language model. In AI Open 2021.
20. Pei Ke, **Jian Guan**, Minlie Huang, and Xiaoyan Zhu. Generating informative responses with controlled sentence function. In ACL 2018 (CCF-A类会议).
21. **Jian Guan**\*, Yansen Wang\*, and Minlie Huang. Story ending generation with incremental encoding and commonsense knowledge. In AAAI 2019 (CCF-A类会议).
22. Jianzhu Yao, Ziqi Liu, **Jian Guan**, Minlie Huang. A Benchmark for Understanding and Generating Dialogue between Characters in Stories. arxiv 2022.
23. Yuan Yao, **Jian Guan,** et al. Cuge: A chinese language understanding and generation evaluation benchmark. arxiv 2021.
24. Fei Huang, **Jian Guan**, Pei Ke, Qihan Guo, Xiaoyan Zhu, Minlie Huang. A text GAN for language generation with non-autoregressive generator. arxiv 2020.
25. Fei Huang, **Jian Guan**, et al. Cotk: An open-source toolkit for fast development and fair evaluation of text generation. arxiv 2020.
26. **大模型复杂推理**
27. Chuanqi Cheng\*, **Jian Guan**\*, Wei Wu, Rui Yan. Scaling Video-Language Models to 10K Frames via Hierarchical Differential Distillation. In ICML 2025 (CCF-A类会议).
28. Xueliang Zhao, Wei Wu, **Jian Guan**, Lingpeng Kong. Promptcot: Synthesizing olympiad-level problems for mathematical reasoning in large language models. In Findings of ACL 2025.
29. Jiaxin Wen\*, **Jian Guan**\*, Hongning Wang, Wei Wu, Minlie Huang. Unlocking Reasoning Potential in Large Langauge Models by Scaling Code-form Planning. In ICLR 2025.
30. Jia-Nan Li\*, **Jian Guan**\*, Wei Wu, Zhengtao Yu, Rui Yan. 2D-TPE: Two-Dimensional Positional Encoding Enhances Table Understanding for Large Language Models. In WWW 2025 (CCF-A类会议).
31. **Jian Guan**, Wei Wu, Zujie Wen, Peng Xu, Hongning Wang, Minlie Huang. AMOR: A Recipe for Building Adaptable Modular Knowledge Agents Through Process Feedback. In NeurIPS 2024 (CCF-A类会议).
32. Chuanqi Cheng\*, **Jian Guan**\*, Wei Wu, Rui Yan. From the Least to the Most: Building a Plug-and-Play Visual Reasoner via Data Synthesis. In EMNLP 2024 (CCF-B类会议).
33. **个性化对齐**
34. Zhuocheng Gong, **Jian Guan**, Wei Wu, Huishuai Zhang, Dongyan Zhao. Latent Preference Coding: Aligning Large Language Models via Discrete Latent Codes. In ICML 2025.
35. **Jian Guan**\*, Junfei Wu\*, Jia-Nan Li\*, Chuanqi Cheng\*, Wei Wu. A Survey on Personalized Alignment–The Missing Piece for Large Language Models in Real-World Applications. In Findings of ACL 2025.
36. Jia-Nan Li\*, **Jian Guan**\*, Songhao Wu, Wei Wu, Rui Yan. From 1,000,000 users to every user: Scaling up personalized preference for user-level alignment. arxiv 2025.
37. **其他领域**
38. Xueying Bai\*, **Jian Guan**\*, Hongning Wang. A Model-Based Reinforcement Learning with Adversarial Training for Online Recommendation. In NeurIPS 2019 (CCF-A类会议).
39. Guhao Feng, Yihan Geng, **Jian Guan**, Wei Wu, Liwei Wang, Di He. Theoretical Benefit and Limitation of Diffusion Language Model. arxiv 2025.
40. Sahand Sabour et al. Human Decision-making is Susceptible to AI-driven Manipulation. arxiv 2025.

**开源项目**

1. [Must-Read Papers for Open-Ended Language Generation.](https://github.com/thu-coai/PaperForONLG) (Github 190+ Stars)
2. [Chinese Long Text Pretraining Models: LongLM.](https://huggingface.co/thu-coai/LongLM-large) (Download 15k+)

**荣誉奖项**

**中国中文信息学会博士论文激励计划 2024年11月**

**清华大学优秀博士论文 2024年6月**

**微软亚洲研究院微软学者提名奖 2022年10月**

**博士研究生国家奖学金 2021年10月**

**北京市优秀毕业生 2019年6月**

**清华大学优良毕业生 2019年6月**

**清华大学优秀学生干部 2018年10月**

**清华大学综合优秀奖 2018年10月**

**清华大学综合优秀奖 2017年10月**

**清华大学学业优秀奖 2016年10月**

**清华大学社会实践奖学金 2016年10月**

**清华大学新生奖学金 2015年10月**

**社工经历**

**清华大学物理系学生会主席 2018年5月 - 2019年5月**

**清华大学物理系基科52班团支书 2017年9月 - 2018年9月**

**清华大学赴重庆武隆支教支队支队长 2016年6月 - 2016年7月**