

# Jiangjie Chen

Fudan University  
School of Computer Science and Technology  
2005, Songhu Rd., Shanghai, China

Phone: (+86) 158-5705-2999  
Email: [jjchen19@fudan.edu.cn](mailto:jjchen19@fudan.edu.cn)  
Homepage: <https://jiangjiechen.github.io/>

## Research Interests

Devoted to reasoning over natural language and making neural models right for the right reasons. Main interested research topics include:

Explainable Natural Language Reasoning;  
Factual and Controllable Text Generation.

## Education

Ph.D. in Computer Science, Fudan University, 2019 – 2024 (estimated).

B.S. in Computer Science (with honor), Fudan University, 2014 – 2019.

## Publications

[\*: Equal Contribution]

### *Under Review*

1. *E-KAR: A Benchmark for Rationalizing Natural Language Analogical Reasoning*  
**Jiangjie Chen**, Rui Xu, Ziquan Fu, Wei Shi, Zhongqiao Li, Xinbo Zhang, Changzhi Sun, Lei Li, Yanghua Xiao and Hao Zhou.  
Long paper, submitted to ACL 2022.
2. *Neighbors Are Not Strangers: Improving Non-Autoregressive Translation under Low-Frequency Lexical Constraints*  
Chun Zeng\*, **Jiangjie Chen**\*, Tianyi Zhuang, Rui Xu, Hao Yang, Ying Qin, Shimin Tao, Yanghua Xiao.  
Long paper, submitted to ACL ARR 2022 (January).

### *Proceedings*

1. *FALCON: A Faithful Contrastive Framework for Response Generation in TableQA Systems*  
Shineng Fang, **Jiangjie Chen**, Xinyao Shen, Yunwen Chen, Yanghua Xiao.  
Long paper, in DASFAA 2022
2. *LoREN: Logic-Regularized Reasoning for Interpretable Fact Verification* **Jiangjie Chen**, Qiaoben Bao, Changzhi Sun, Xinbo Zhang, Jiaze Chen, Hao Zhou, Yanghua Xiao, Lei Li.  
Regular paper, in AAI 2022 (oral)

3. *Unsupervised Editing for Counterfactual Stories*  
**Jiangjie Chen**, Chun Gan, Sijie Cheng, Hao Zhou, Yanghua Xiao, Lei Li.  
 Regular paper, in AAAI 2022 (oral)
4. *Diversified Query Generation Guided with Knowledge Graph*  
 Xinyao Shen, **Jiangjie Chen**, Jiaze Chen, Chun Zeng, Yanghua Xiao.  
 Long paper, in WSDM 2022
5. *Harvesting More Answer Spans from Paragraphs beyond Annotation*  
 Qiaoben Bao, **Jiangjie Chen**, Linfang Liu, Jiaqing Liang, Jingping Liu, Yanghua Xiao.  
 Long paper, in WSDM 2022
6. *Diversified Paraphrase Generation with Commonsense Knowledge Graph*  
 Xinyao Shen, **Jiangjie Chen**, Yanghua Xiao.  
 Long paper, in NLPCC 2021 (oral)
7. *Probabilistic Graph Reasoning for Natural Proof Generation*  
 Changzhi Sun\*, Xinbo Zhang\*, **Jiangjie Chen**, Chun Gan, Yuanbin Wu, Jiaze Chen, Hao Zhou, Lei Li.  
 Long paper, in Findings of ACL 2021
8. *CN-Probase: A Data-driven Approach for Large-scale Chinese Taxonomy Construction*  
 Jindong Chen, Ao Wang, **Jiangjie Chen**, Yanghua Xiao, Zhendong Chu, Jingping Liu, Jiaqing Liang, Wei Wang.  
 Short paper, in ICDE 2019
9. *Ensuring Readability and Data-fidelity using Head-modifier Templates in Deep Type Description Generation*  
**Jiangjie Chen**, Ao Wang, Haiyun Jiang, Suo Feng, Chenguang Li, Yanghua Xiao.  
 Long paper, in ACL 2019

## Experience

ByteDance AI Lab, Nov. 2019 – Present.

Role: Research Intern

Advisors: Lei Li (now at UCSB), Hao Zhou, Changzhi Sun

Topics: Knowledge-guided Generation, Natural Language Reasoning

Knowledge Works Lab at Fudan University, Apr. 2017 – Present.

Role: Researcher and Ph.D. Candidate

Advisor: Yanghua Xiao

Topics: Text Generation, Natural Language Reasoning, Knowledge Graph

## Academic Services

Program Committee/(Sub-)Reviewer of ACL (2019–2021), EMNLP (2019–2021), AAAI (2020–2022), KDD (2019–2021), NLPCC (2021), etc.