

# Jun-Yu Ma

## PERSONAL

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- **GitHub:** <https://github.com/m jy1111>

## EDUCATION

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### University of Science and Technology of China

Ph.D. student in Signal and Information Processing, supervised by Prof. Zhen-Hua Ling

Anhui, China  
Sep 2021 - present

### University of Science and Technology of China

B.E. in Electronic Information Engineering

Anhui, China  
Sep 2017 - June 2021

## RESEARCH INTERESTS

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- **Information Extraction**
- **Multilinguality**
- **Model Editing**

## PREPRINTS

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- **Jun-Yu Ma**, Hong Wang, Hao-Xiang Xu, Zhen-Hua Ling, Jia-Chen Gu. Perturbation-Restrained Sequential Model Editing. arxiv:2405.16821.
- **Jun-Yu Ma**, Jia-Chen Gu, Zhen-Hua Ling, Quan Liu, Cong Liu. Untying the Reversal Curse via Bidirectional Language Model Editing. arXiv:2310.10322.
- **Jun-Yu Ma**, Jia-Chen Gu, Zhen-Hua Ling, Quan Liu, Cong Liu, Guoping Hu. SHINE: Syntax-augmented Hierarchical Interactive Encoder for Zero-shot Cross-lingual Information Extraction. arXiv:2305.12389.
- Jia-Chen Gu, Hao-Xiang Xu, **Jun-Yu Ma**, Pan Lu, Zhen-Hua Ling, Kai-Wei Chang, Nanyun Peng. Model Editing Can Hurt General Abilities of Large Language Models. arXiv:2401.04700.

## PUBLICATIONS

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- **Jun-Yu Ma**, Jia-Chen Gu, Ningyu Zhang, Zhen-Hua Ling. Neighboring Perturbations of Knowledge Editing on Large Language Models. *ICML 2024*.
- **Jun-Yu Ma**, Jia-Chen Gu, Jiajun Qi, Zhen-Hua Ling, Quan Liu, Xiaoyi Zhao. USTC-NELSLIP at SemEval-2023 Task 2: Statistical Construction and Dual Adaptation of Gazetteer for Multilingual Complex NER. *SemEval at ACL 2023*.
- **Jun-Yu Ma**, Beiduo Chen, Jia-Chen Gu, Zhen-Hua Ling, Wu Guo, Quan Liu, Zhigang Chen, Cong Liu. Wider & Closer: Mixture of Short-channel Distillers for Zero-shot Cross-lingual Named Entity Recognition. *EMNLP 2022*.
- Beiduo Chen, **Jun-Yu Ma**, Jiajun Qi, Wu Guo, Zhen-Hua Ling, Quan Liu. USTC-NELSLIP at SemEval-2022 Task 11: Gazetteer-Adapted Integration Network for Multilingual Complex Named Entity Recognition. *SemEval at NAACL 2022*.

## SELECTED AWARDS

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- 2023/2022/2021, Graduate Scholarship

## SHARED TASKS

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- 2023 Rank 1st on one track (Hindi) in SemEval-2023 Task 2 MultiCoNER II.
- 2022 Rank 1st on three tracks (Chinese, Code-mixed and Bangla), and rank 2nd on the other ten tracks in SemEval-2022 Task 11 MultiCoNER .

## SERVICE

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- Reviewer: EMNLP 2022, 2023
- Teaching assistant:  
Natural Language Processing (210712, 210712.01, USTC), 2022  
Natural Language Processing (210712, 210712.02, USTC), 2023