

Limao Xiong

School of Computer Science, Fudan University

lmxiong21@m.fudan.edu.cn | +86 18925438858

Education Background

Fudan University

School of Computer Science

Computer Science

Sept 2021 - Present

Master of Engineering

Central South University of Forestry and Technology

School of Computer and Information Engineering

Computer Science and Technology

Sept 2016 - June 2020

Bachelor of Engineering

Publications

A Confidence-based Partial Label Learning Model for Crow-Annotated Named Entity Recognition

Limao Xiong, Jie Zhou, Qunxi Zhu, Xiao Wang, Yuanbin Wu, Qi Zhang, Gui Tao, Xuanjing Huang, Jin Ma, Ying Shan

Findings of ACL 2023

MINER: Improving Out-of-Vocabulary Named Entity Recognition from an Information Theoretic Perspective

Xiao Wang, Shihan Dou, Limao Xiong, Yicheng Zou, Qi Zhang, Tao Gui, Liang Qiao, Zhanzhan cheng, Xuanjing Huang

ACL 2022 main conference

Research Experience

MOSS-RLHF project, Fudan University

June 2023 - July 2023

- Conducted experiments to verify the effectiveness during RLHF (Reinforcement Learning from Human Feedback) of PPO (Proximal Policy Optimization) and PPO tricks. The technical report is now released.
- Reviewed code to ensure the PPO tricks we used accord with the paper they come from.
- Tested the model after RLHF on MMLU and C-eval benchmark and took part in writing the final report.

Glory Project, Fudan University

Dec 2021 - July 2022

- Developed a specific information extraction model with user privacy protection for an application.
- Formulated annotate rules and wrote instruction documents for part-time annotators recruited from society.
- Devised a method to enhance the correct rate of annotations as much as possible with lesser professional supervision and eventually annotated more than 15000

data for model training.

TextFlint Project, Fudan University

Sept 2021 – Feb 2022

- TextFlint is a robustness evaluation toolkit for natural language processing tasks and it is available to the public now.
- Investigated papers on natural language processing tasks and filtered out the reproducible ones to specify the example model.
- Devised methods such as replacing the subject in the context to generate disturbed data for testing the robustness of the model.

Awards and Honors

- | | |
|----------------------------------|------|
| ● Excellent Academic Scholarship | 2022 |
| ● Excellent Academic Scholarship | 2021 |
| ● Outstanding Graduate | 2020 |
| ● Excellent Student Cadre | 2019 |