



Xiaoya Li (李晓雅)

Shannon.AI
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Education

Beijing University of Posts and Telecommunications (BUPT) 2014 - 2018
Bachelor's Degree, Engineering of Internet of Things
Thesis: End-to-end Dialogue System for Movie Recommendations with Reinforcement Learning.
Advisor: Prof. Xiaojie Wang

Experience

Shannon.AI 01/2019 - 09/2020; 12/2020-Now
Research Engineer
Topic: information extraction and text generation.
Advisor: Dr. Jiwei Li

DeeplyCurious.AI 10/2017 - 01/2019
Research Intern
Topic: information extraction and natural language understanding.
Advisor: Yukun Yan, Dr. Zhengdong Lu

Beijing University of Posts and Telecommunications 07/2017 - 06/2018
Student Intern, Center for Intelligence Science and Technology
Topic: dialogue system for movie recommendations with reinforcement learning.
Advisor: Prof. Xiaojie Wang

Tsinghua University 10/2016 - 05/2017
Student Intern, Conversational AI(CoAI) Lab
Topic: sentiment analysis and dialogue system for restaurant services.
Advisor: Prof. Minlie Huang

Tsinghua University 06/2016 - 09/2016
Student Intern, State Key Lab of Intelligent Technology and Systems
Topic: simultaneous localization and mapping algorithms in the automated driving system.
Advisor: Prof. Zhidong Deng

Publications

* indicates equal contribution.

1. **Fast Nearest Neighbor Machine Translation**
Yuxian Meng, **Xiaoya Li**, Xiayu Zheng, Fei Wu, Xiaofei Sun, Tianwei Zhang and Jiwei Li
In Finding of ACL 2022

2. **Triggerless Backdoor Attack for NLP Tasks with Clean Labels**
Leilei Gan, Jiwei Li, Tianwei Zhang, **Xiaoya Li**, Yuxian Meng, Fei Wu, Shangwei Guo and Chun Fan
In Proceedings of NAACL 2022
3. **GNN-LM: Language Modeling based on Global Contexts via GNN**
Yuxian Meng, Shi Zong, **Xiaoya Li**, Xiaofei Sun, Tianwei Zhang, Fei Wu and Jiwei Li
In Proceedings of ICLR 2022 (Spotlight)
4. **kFolden: k-Fold Ensemble for Out-Of-Distribution Detection**
Xiaoya Li, Jiwei Li, Xiaofei Sun, Chun Fan, Tianwei Zhang, Fei Wu, Yuxian Meng and Jun Zhang
In Proceedings of EMNLP 2021
5. **ChineseBERT: Chinese Pretraining Enhanced by Glyph and Pinyin Information**
Zijun Sun, **Xiaoya Li**, Xiaofei Sun, Yuxian Meng, Xiang Ao, Qing He, Fei Wu and Jiwei Li
In Proceedings of ACL 2021 (Oral)
6. **SAC: Accelerating and Structuring Self-Attention via Sparse Adaptive Connection**
Xiaoya Li*, Yuxian Meng*, Qinghong Han, Fei Wu and Jiwei Li
In Proceedings of NeurIPS 2020
7. **A Unified MRC Framework for Named Entity Recognition**
Xiaoya Li, Jingrong Feng, Yuxian Meng, Qinghong Han, Fei Wu and Jiwei Li
In Proceedings of ACL 2020
8. **Dice Loss for Data-imbalanced NLP Tasks**
Xiaoya Li, Xiaofei Sun, Yuxian Meng, Junjun Liang, Fei Wu and Jiwei Li
In Proceedings of ACL 2020
9. **Glyce: Glyph-vectors for Chinese Character Representations**
Yuxian Meng*, Wei Wu*, Fei Wang*, **Xiaoya Li***, Ping Nie, Fan Yin, Muyu Li, Qinghong Han, Xiaofei Sun and Jiwei Li
In Proceedings of NeurIPS 2019
10. **Is Word Segmentation Necessary for Deep Learning of Chinese Representations?**
Xiaoya Li, Yuxian Meng, Xiaofei Sun, Qinghong Han, Arianna Yuan and Jiwei Li
In Proceedings of ACL 2019
11. **Entity-Relation Extraction as Multi-Turn Question Answering**
Xiaoya Li, Fan Yin, Zijun Sun, Xiayu Li, Arianna Yuan, Duo Chai, Mingxin Zhou and Jiwei Li
In Proceedings of ACL 2019

Other Project Experience

A Smart Home System (a device and an app) for Managing Electronics Team members: Liangze Cui, Zongbao Li, Chenguang Zhang Advisor: Prof. Xiaoguang Zhang	05/2015 - 05/2016
BUPT 2016 Modeling International Conference Website Development Team members: Song Wang Advisor: Prof. Li Cheng	03/2016 - 05/2016

Honors & Awards

Meritorious Winner in Mathematical Contest in Modeling, 2016

Beijing University of Posts and Telecommunications (BUPT) Scholarship, 2015/2016/2017

Excellent Student in Beijing University of Posts and Telecommunications (BUPT), 2017

Excellent Volunteer for Global Mobile Internet Conference (GMIC), 2016

Activity

Vice President of BUPT IET-YMS

09/2014-09/2015

The Institution of Engineering and Technology (IET)

Younger Members Section (YMS) in BUPT

Service

Reviewer: ACL Rolling Review, ACL-IJCNLP 2021

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