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. ***k*Folden: *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   05/2015 - 05/2016
Team members: Liangze Cui, Zongbao Li, Chenguang Zhang
Advisor: Prof. Xiaoguang Zhang

BUPT 2016 Modeling International Conference Website Development   03/2016 - 05/2016
Team members: Song Wang
Advisor: Prof. Li Cheng

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

Last updated: July 21, 2022