SHUHE WANG

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EDUCATION

Peking University, Beijing, China   2020 – 2023
Master student in Computer Science

Shandong University of Science and Technology, Qingdao, China   2016 – 2020
B.S. in Software Engineering

PUBLICATIONS

- **GPT-NER: Named Entity Recognition via Large Language Models**
  Shuhe Wang, Xiaofei Sun, Xiaoya Li, Rongbin Ouyang, Fei Wu, Tianwei Zhang, Jiwei Li, Guoyin Wang
  Preprint 2023
- **GNN-SL: Sequence Labeling Based on Nearest Examples via GNN**
  Shuhe Wang, Yuxian Meng, Rongbin Ouyang, Jiwei Li, Tianwei Zhang, Lingjuan Lyu, Guoyin Wang
  ACL 2023
- **kNN-NER: Named Entity Recognition with Nearest Neighbor Search**
  Shuhe Wang, Xiaoya Li, Yuxian Meng, Tianwei Zhang, Rongbin Ouyang, Jiwei Li, Guoyin Wang
  Preprint 2022
- **Faster nearest neighbor machine translation**
  Shuhe Wang, Jiwei Li, Yuxian Meng, Rongbin Ouyang, Guoyin Wang, Xiaoya Li, Tianwei Zhang, Shi Zong
  Preprint 2021
- **Modeling Text-visual Mutual Dependency for Multi-modal Dialog Generation**
  Shuhe Wang, Yuxian Meng, Xiaofei Sun, Fei Wu, Rongbin Ouyang, Rui Yan, Tianwei Zhang, Jiwei Li
  Preprint 2021
- **Openvidial: A large-scale, open-domain dialogue dataset with visual contexts**
  Yuxian Meng, **Shuhe Wang**, Qinghong Han, Xiaofei Sun, Fei Wu, Rui Yan, Jiwei Li
  Preprint 2020

EXPERIENCE

NLP Intern in ShannonAI Beijing, China   2020 – 2022

Direct instructed by Yuxian Meng, and I was very fortunate to be able to work with Xiaoya Li, Xiaofei Sun and Prof. Jiwei Li.

- Constructed Machine Translation (MT) models for the real-world MT system and maintained the algorithm based on user feedback.
- Provided preparing work, including datasets pre-processing, model training and so on, for other NLP projects, such as Named Entity Recognition (NER).
- Constructed research papers.
- Built two multi-model dialogue datasets: Openvidial and Openvidial2.0.

AWARDS

During the undergraduate period, I participated in many algorithm competitions and won some awards:

- Silver Medal, The ACM-ICPC Asia Regional Contest Xuzhou Site 2018
- Silver Medal, The ACM-ICPC Asia Regional Contest Qingdao Site 2018
- Bronze Medal, The ACM-ICPC China Invitational Contest Xuzhou Site 2018
- Gold Medal (rank 14), ACM Shandong Provincial Competition 2018