

Yanzeng Li

Email: liyanzeng@stu.pku.edu.cn

Github: github.com/lsvih

Website: <https://cv.lsvih.com>

Mobile: +86-186-****-****

Address: 5[#] Yiheyuan Road, Haidian, Beijing

RESEARCH INTERESTS

Natural Language Processing (NLP), Applications of NLP, Information Extraction (IE) for Knowledge Graph (KG), and KG incorporated Large Language Models.

EDUCATION

Peking University

Beijing, China

- Wangxuan Institute of Computer Technology
PhD student, in Computer Application Technology

September 2021 - Present

Chinese Academy of Sciences

Beijing, China

- Institute of Information Engineering
M.Eng., in Computer Science and Technology

September 2018 - June 2021

Central South University

Hunan, China

- Powder Metallurgy Research Institute
B.Eng., in Powder Materials Science and Engineering

September 2012 - June 2016

RESEARCH EXPERIENCE

Data Management Lab

WICT, PKU

- *Research Intern & Student, supervised by Lei Zou*

June 2021 - Present

Knowledge Discovery for Security Group

IIE, CAS

- *Research Intern & Student, supervised by Tingwen Liu*

May 2017 - June 2021

State Key Laboratory for Powder Metallurgy

PMRI, CSU

- *Research Intern, supervised by Huachan Fang*

2015 - April 2016

SELECTED PUBLICATIONS

- gBuilder: A Scalable Knowledge Graph Construction System for Unstructured Corpus
Yanzeng Li, Lei Zou
In *pre-print*, 2022
- CORD: A Three-Stage Coarse-to-Fine Framework for Relation Detection in Knowledge Base Question Answering
Yanzeng Li, Sen Hu, Wenjuan Han, Lei Zou.
In *Proceedings of the 32nd ACM International Conference on Information and Knowledge Management (CIKM)*, 2023
- AtTGen: Attribute Tree Generation for Real-World Attribute Joint Extraction
Yanzeng Li, Bingcong Xue, Ruoyu Zhang, Lei Zou.
In *Proceedings of the 61th Annual Meeting of the Association for Computational Linguistics (ACL)*, 2023
- A Novel Table-to-Graph Generation Approach for Document-Level Joint Entity and Relation Extraction
Ruoyu Zhang, **Yanzeng Li**, Lei Zou.
In *Proceedings of the 61th Annual Meeting of the Association for Computational Linguistics (ACL)*, 2023
- VGStore: A Multimodal Extension to SPARQL for Querying RDF Scene Graph
Yanzeng Li, Zilong Zheng, Wenjuan Han, Lei Zou
In *Proceedings of the 21st International Semantic Web Conference (ISWC)*, 2022
- Introducing Semantic Information for Numerical Attribute Prediction over Knowledge Graphs
Bingcong Xue, **Yanzeng Li**, Lei Zou
In *Proceedings of the 21st International Semantic Web Conference (ISWC)*, 2022

- Enhancing Chinese Pre-trained Language Model via Heterogeneous Linguistics Graph
Yanzeng Li, Jiangxia Cao, Xin Cong, Zhenyu Zhang, Bowen Yu, Hongsong Zhu, Tingwen Liu.
In Proceedings of *the 60th Annual Meeting of the Association for Computational Linguistics (ACL)*, 2022
- Relation Extraction based on Data Partition and Representation Integration [*Best Paper Runner up*]
Jiapeng Zhao, Panpan Zhang, Tingwen Liu, Zhenyu Zhang, **Yanzeng Li**, Jinqiao Shi
In Proceedings of *2021 IEEE Sixth International Conference on Data Science in Cyberspace (DSC)*, 2021
- Semi-Open Attribute Extraction from Chinese Functional Description Text
Li Zhang, **Yanzeng Li***, Ruoyu Zhang, Wenjie Li.
In Proceedings of *the 13th Asian Conference on Machine Learning (ACML)*, 2021.
- FITAnnotator: A Flexible and Intelligent Text Annotation System
Yanzeng Li, Bowen Yu, Li Quangan, Tingwen Liu.
In Proceedings of *the 2021 Conference of the North American Chapter of the Association for Computational Linguistics - Human Language Technologies (NAACL-HLT)* (Demonstrations), 2021
- Enhancing Pre-trained Chinese Character Representation with Word-aligned Attention
Yanzeng Li, Bowen Yu, Mengge Xue, Tingwen Liu.
In Proceedings of *the 58th Annual Meeting of the Association for Computational Linguistics (ACL)*, 2020
- Character-based BiLSTM-CRF Incorporating POS and Dictionaries for Chinese Opinion Target Extraction
Yanzeng Li, Tingwen Liu, Diying Li, Quangan Li, Jinqiao Shi, Yanqiu Wang.
PMLR 95:518-533, In Proceedings of *the 10th Asian Conference on Machine Learning (ACML)*, 2018.

PROFESSIONAL SERVICE

- Journal Reviewer, IEEE Transactions on Knowledge and Data Engineering (TKDE)
- Program Committee Member, the AAAI Conference on Artificial Intelligence (AAAI), 2021/2022/2023/2024
- Program Committee Member, the Conference on Empirical Methods in Natural Language Processing (EMNLP), 2021/2022/2023, & EMNLP Industry Track 2023
- Program Committee Member, the 17th Conference of the European Chapter of the Association for Computational Linguistics (EACL), 2023
- Program Committee Member, the Annual Meeting of the Association for Computational Linguistics (ACL), 2020/2021/2022
- Program Committee Member, the 2021 Conference of the North American Chapter of the Association for Computational Linguistics - Human Language Technologies (NAACL-HLT)
- Program Committee Member, 2023 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP 2023)
- Program Committee Member, The 32nd ACM International Conference on Information and Knowledge Management Demonstration Track, (CIKM 2023 Demo Track)
- Review Assistant/Sub Reviewer for IJCAI 2018/2021, etc.
- ...

AWARDS

- **Ubiquant Scholarship**
Peking University 2022
- **Merit Student**
Peking University 2022
- **Merit Student**
Wangxuan Institute of Computer Technology, Peking University 2022
- **IIE Presidential Special Scholarship (Top 1%)**
Institute of Information Engineering, Chinese Academy of Sciences 2020
- **Laboratory Excellent Student Scholarship.**
Institute of Information Engineering, Chinese Academy of Sciences 2020
- **Merit Student**
University of Chinese Academy of Sciences 2020
- **Merit Student**
University of Chinese Academy of Sciences 2019
- **Outstanding Student League Cadres**
Central South University 2015

INDUSTRY EXPERIENCE

- **(Boloni Corp) Jufenqi E-Business Co.,Ltd** Beijing
Web Developer, mostly developed the front-end August 2016 - May 2017
 - Developed B2B&B2C products, ARP&CRM and FMIS, etc.
- **(Boloni Corp) KuaiKuaiZhuang Technology Co., Ltd** Beijing
Web Developer & App Developer June 2016 - September 2016
 - Technology architecture design. Developed official website, iOS app, etc.
- **ShanHe Design Inc. [SHD 834776]** Beijing
Full Stack Developer March 2016 - June 2016
 - Developed official website, online store, recommended system, etc.