

Yanzeng Li

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RESEARCH INTERESTS

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

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, advised by Lei Zou

June 2021 - Present

Knowledge Discovery for Security Group

IIE, CAS

- Research Intern & Student, advised by Tingwen Liu

May 2017 - June 2021

State Key Laboratory for Powder Metallurgy

PMRI, CSU

- Research Intern, advised by Huachan Fang

2015 - April 2016

SELECTED PUBLICATIONS

- 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 58th Annual Meeting of the Association for Computational Linguistics (ACL), 2022
- 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 Quangang, 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
- BiG-Transformer: Integrating Hierarchical Features for Transformer via Bipartite Graph
Xiaobo Shu, Mengge Xue, **Yanzeng Li**, Zhenyu Zhang, Tingwen Liu.
In Proceedings of the IEEE World Congress on Computational Intelligence, International Joint Conference on Neural Networks (WCCI-IJCNN), 2020.
- 2ch-TCN: A Website Fingerprinting Attack over Tor Using 2-channel Temporal Convolutional Networks
Meiqi Wang, **Yanzeng Li**, Xuebin Wang, Tingwen Liu, Jinqiao Shi, Muqian Chen.
In Proceedings of the 25th IEEE International Symposium on Computers and Communications (ISCC), 2020.

- ICNet: Incorporating Indicator Words and Contexts to Identify Functional Description Information
Qu Liu, Zhenyu Zhang, **Yanzeng Li**, Tingwen Liu, Diying Li, Jinqiao Shi.
In Proceedings of *International Joint Conference on Neural Networks (IJCNN)*, 2019.
- 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 36th AAAI Conference on Artificial Intelligence (AAAI), 2022
- Program Committee Member, the 2021 Conference on Empirical Methods in Natural Language Processing (EMNLP)
- Program Committee Member, the 59th Annual Meeting of the Association for Computational Linguistics (ACL), 2021
- 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, The 35th AAAI Conference on Artificial Intelligence (AAAI), 2021
- Volunteer, the 58th Annual Meeting of the Association for Computational Linguistics (ACL), 2020
- Program Committee Member, the 58th Annual Meeting of the Association for Computational Linguistics (ACL), 2020
- Review Assistant/Sub Reviewer for IJCAI 2018/2021, etc.

AWARDS

- **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, ERP&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.