Yanzeng Li

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Research Intersts

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 *September 2021 - Present*
  PhD student, in Computer Application Technology

Chinese Academy of Sciences Beijing, China
- Institute of Information Engineering *September 2018 - June 2021*
  M.Eng., in Computer Science and Technology

Central South University Hunan, China
- Powder Metallurgy Research Institute *September 2012 - June 2016*
  B.Eng., in Powder Materials Science and Engineering

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

- 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 Procceddings 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 Procceddings 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 Procceddings 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 Procceddings 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, Quangang 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, 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.