

# Yanzeng Li

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## RESEARCH INTERESTS

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

## EDUCATION

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### 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

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### 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

## PUBLICATIONS

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- 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, Quangang Li, Jinqiao Shi, Yanqiu Wang.  
PMLR 95:518-533, In Proceedings of the 10th Asian Conference on Machine Learning (ACML), 2018.

## PROFESSIONAL SERVICE

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- Journal Reviewer, IEEE Transactions on Knowledge and Data Engineering (TKDE)
- 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

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- **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

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- **(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.