

LI ZHOU

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Education

University of Electronic Science and Technology of China <i>PhD in Computer Science and Technology, Integrated Master-PhD Program</i>	Sep. 2020 – Present <i>GPA: 3.89</i>
University of Electronic Science and Technology of China <i>MSc in Computer Technology, Recommended and Exam-exempted Postgraduate</i>	Sep. 2018 – June 2020 <i>GPA: 3.62</i>
Sichuan Agricultural University <i>BA in Computer Science and Technology, Ranking: 1/176</i>	Sep. 2014 – June 2018 <i>GPA: 3.98</i>

Academic Experience

University of Copenhagen, CoAStAL NLP Group <i>Visiting PhD, funded by China Scholarship Council</i>	July 2022 – June. 2023 <i>Copenhagen, Denmark</i>
<ul style="list-style-type: none">• Supervisor: Daniel Hershcovich,• Working in combining graph meaning representations with neural models.• Working in cross-cultural and multi-lingual transfer learning• Working in cultural knowledge probing and enhancing• Working in adapting language models across cultures and languages• Working in analysis of language models (with Anders Søgaard)	

Research Interests

Cultural knowledge probing and enhancing, Cross-cultural and multi-lingual transfer learning, Analysis of language models, AI-generated detection, Relation extraction, Graph meaning representation of language, Graph neural networks.

Published Paper

1. **Li Zhou**, Wenyu Chen, Yong Cao, Dingyi Zeng, Wanlong Liu, Hong Qu. *MLPs Compass: What is learned when MLPs are combined with PLMs?* (ICASSP) 2024.
2. **Li Zhou**, Antonia Karamolegkou, Wenyu Chen, Daniel Hershcovich. *Cultural Compass: Predicting Transfer Learning Success in Offensive Language Detection with Cultural Features.* (Findings of EMNLP) 2023.
3. **Li Zhou**, Wenyu Chen, Dingyi Zeng, Shaohuan Cheng, Wanlong Liu, Malu Zhang, Hong Qu. *DPGNN: Dual-perception graph neural network for representation learning.* (Knowledge-based Systems) 2023.
4. **Li Zhou**, Laura Cabello, Yong Cao, Daniel Hershcovich. *Cross-Cultural Transfer Learning for Chinese Offensive Language Detection.* (EACL Workshop on C3NLP) 2023.
5. Dingyi Zeng*, **Li Zhou***, Wanlong Liu, Hong Qu, Wenyu Chen. *A Simple Graph Neural Network via Layer Sniffer.* IEEE International Conference on Acoustics, Speech and Signal Processing. (ICASSP) 2022.
6. **Li Zhou***, Tingyu Wang*, Hong Qu, Li Huang, Yuguo Liu. *A Weighted GCN with Logical Adjacency Matrix for Relation Extraction.* 24th European Conference on Artificial Intelligence. (ECAI) 2020
7. Antonia Karamolegkou*, Jiaang Li*, **Li Zhou**, Anders Søgaard. *Copyright Violations and Large Language Models.* (EMNLP) 2023.
8. Yong Cao, **Li Zhou**, Seolhwa Lee, Laura Cabello, Min Chen, Daniel Hershcovich. *Assessing Cross-Cultural Alignment between ChatGPT and Human Societies: An Empirical Study.* (EACL Workshop on C3NLP) 2023.

9. Wanlong Liu, **Li Zhou**, Dingyi Zeng, Hong Qu. *Document-Level Relation Extraction with Structure Enhanced Transformer Encoder*. International Joint Conference on Neural Networks. (IJCNN) 2022.
10. Dingyi Zeng, Wenyu Chen, Wanlong Liu, **Li Zhou**, Hong Qu. *Rethinking Random Walk in Graph Representation Learning*. IEEE International Conference on Acoustics, Speech and Signal Processing. (ICASSP) 2023.
11. Dingyi Zeng, Wanlong Liu, Wenyu Chen, **Li Zhou**, Malu Zhang, Hong Qu. *Substructure Aware Graph Neural Networks*. (AAAI) 2023.
12. Yong Cao, Yova Kementchedjheva, Ruixiang Cui, Antonia Karamolegkou, **Li Zhou**, Megan Dare, Lucia Donatelli, Daniel Hershcovich. *Cultural Adaptation of Recipes*. Transactions of the Association for Computational Linguistics. 2023.

Preprints

1. **Li Zhou**, Wenyu Chen, Qu Hong, Dingyi Zeng, Daniel Hershcovich. *Revisiting Graph Meaning Representations through Decoupling Contextual Representation Learning and Structural Information Propagation*. 2023
2. Heather Lent, Kushal Tatariya, Raj Dabre, Yiyi Chen, Marcell Fekete, Esther Ploeger, **Li Zhou**, Hans Erik Heje, Diptesh Kanojia, Paul Belony, Marcel Bollmann, Loïc Grobol, Miryam de Lhoneux, Daniel Hershcovich, Michel DeGraff, Anders Søgaard, Johannes Bjerva. *CreoleVal: Multilingual Multitask Benchmarks for Creoles*. 2023.

Professional Activity

Conference reviewer	EMNLP 2023, ICASSP (2023, 2024), IJCNN (2022, 2023), ACL Rolling Reviewer
Journal reviewer	Computer Speech & Language International Journal of Machine Learning and Cybernetics IEEE Transactions on Emerging Topics in Computational Intelligence
Organizer	Cross-Cultural Considerations in NLP workshop @ ACL 2024.

Skills

Programming language	Python, C/C++
Machine Learning	Pytorch, TensorFlow, Keras, DGL, NetworkX, Scikit-Learn
Data Science	Seaborn, Numpy, Matplotlib, Pandas
Others	CET6, Git, LaTeX, MS Office, Photoshop, Premiere

Teaching Assistant

Finite Automata Theory, University of Electronic Science and Technology of China	Fa. 2020-2021
Compiler Principles, University of Electronic Science and Technology of China	Sp. 2019-2020
Data Structure, Sichuan Agricultural University	Fa. 2016-2017
The C Programming Language, Sichuan Agricultural University	Sp. 2015-2016

Scholarships & Awards

Outstanding Postgraduate Cadre, UESTC	2021, 2022
Outstanding Department Member of the Year, Graduate Work Department of UESTC	2021
Postgraduate Special Scholarship, UESTC	2020
Postgraduate Scholarships (Grade 1st), UESTC	2019
Outstanding University Graduates in Sichuan Province	2018

National Scholarship	2017
Second prize in the Western Division of Internet Software Design Competition	2017
Second Prize in Electronic Design Competition, SICAU	2016
Third prize in ACM programming contest, SICAU	2016
Outstanding Students, SICAU	2015, 2016

Extra-Cirrucular

Photography Department Member of Graduate Student Union	2019
Rural Supporting Education Experience	2015, 2016, 2017
Vice President of the College Student Union	2016