

Wuwei Lan

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🌐 <https://lanwuwei.github.io/>

📄 <https://scholar.google.com/citations?user=rp0gHRMAAAJ&hl=en>

RESEARCH	Natural Language Processing, Machine Learning, Deep Learning.	
EDUCATION	The Ohio State University (OSU) ◊ Ph.D. in Computer Science and Engineering (ongoing) ◊ Research Topic: Paraphrase, Sentence Pair Modeling	05/2015-05/2021
	University of Science and Technology of China (USTC) ◊ B.E. in Computer Science and Engineering ◊ Graduated with highest Guo Moruo scholarship	08/2010-06/2014
PROFESSIONAL EXPERIENCE	Graduate Research Assistant, OSU <i>Advisor: Wei Xu</i> ◊ Bilingual BERT pre-training for English and Arabic (EMNLP 2020) ◊ Deep neural networks for sentence pair modeling (COLING 2018) ◊ Subword-based embeddings for paraphrase identification (NAACL 2018) ◊ Large-scale paraphrase collection from Twitter (EMNLP 2017)	08/2016-Present
	Research Intern, Tencent AI Lab <i>Mentor: Jia Cui, Dong Yu</i> ◊ Permutation language model for automatic speech recognition	05/2019-08/2019
	Research Intern, Microsoft Research <i>Mentor: Haitao Wu</i> ◊ Solved incast problem in data center networks (ICNP 2014)	06/2013-01/2014
	Undergrad Research Assistant, USTC <i>Advisor: Shangfei Wang</i> ◊ Facial expression recognition with deep boltzmann machine (ACII 2013)	06/2012-05/2013
PUBLICATIONS	<i>GigaBERT: A Bilingual BERT for English and Arabic</i> Wuwei Lan , Yang Chen, Wei Xu and Alan Ritter Proceedings of EMNLP 2020 (short paper) (pdf)	
	<i>Neural CRF Model for Sentence Alignment in Text Simplification</i> Chao Jiang, Mounica Maddela, Wuwei Lan , Yang Zhong and Wei Xu Proceedings of ACL 2020 (pdf)	
	<i>Travel Time Estimation without Road Networks: An Urban Morphological Layout Representation Approach</i> Wuwei Lan , Yanyan Xu and Bin Zhao Proceedings of IJCAI 2019 (pdf)	
	<i>Neural Network Models for Paraphrase Identification, Semantic Textual Similarity, Natural Language Inference, and Question Answering</i> Wuwei Lan and Wei Xu Proceedings of COLING 2018, Best Paper Award (pdf)	
	<i>Character-based Neural Networks for Sentence Pair Modeling</i> Wuwei Lan and Wei Xu Proceedings of NAACL 2018 (short paper) (pdf)	
	<i>A Continuously Growing Dataset of Sentential Paraphrases</i> Wuwei Lan , Siyu Qiu, Hua He and Wei Xu Proceedings of EMNLP 2017 (pdf)	

PAC: Taming TCP Incast Congestion Using Proactive ACK Control
Wei Bai, Kai Chen, Haitao Wu, **Wuwei Lan** and Yangming Zhao
Proceedings of ICNP 2014 ([pdf](#))

Facial Expression Recognition using Deep Boltzmann Machine from Thermal Infrared Images
Shan He, Shangfei Wang, **Wuwei Lan**, Huan Fu, and Qiang Ji
Proceedings of ACII 2013 ([pdf](#))

TALKS

- ◇ Neural Network Models for Sentence Pair Modeling, COLING 2018
- ◇ Automatic Paraphrase Collection and Identification in Twitter, MSLD 2018
- ◇ Automatic Paraphrase Collection and Identification in Twitter, OSU 2017
- ◇ A Continuously Growing Dataset of Sentential Paraphrases, MASC-SLL 2017

AWARDS

- ◇ Best Paper Award for COLING 2018.
- ◇ Guo Moruo Scholarship, the best scholarship of USTC, only 32 award winners, 2014.
- ◇ CCF Outstanding Undergraduate Award, 100 award winners in China, 2013.
- ◇ Google Excellence Scholarship, 100 award winners in China, 2013.
- ◇ National Scholarship, 2 out of 109 in CSE, USTC, 2012.

ACADEMIC SERVICE

- ◇ PC Member for Conference on ACL, 2020
- ◇ PC Member for workshop of WNUT at EMNLP, 2017-2020
- ◇ PC Member for Conference on EMNLP, 2018, 2020
- ◇ PC Member for Conference on COLING, 2018, 2020
- ◇ PC Member for workshop of ACL-SRW, 2018
- ◇ PC Member for workshop of MASC-SLL, 2017

TEACHING EXPERIENCE

- ◇ CSE-3521 (Instructor): Artificial Intelligence I: Basic Techniques
- ◇ CSE-3521 (Instructor): Introduction to Artificial Intelligence
- ◇ CSE-5522 (TA): Artificial Intelligence II: Advanced Techniques
- ◇ CSE-5525 (TA): Speech and Language Processing
- ◇ CSE-2111 (TA): Modeling and Problem Solving with Database

AFFILIATIONS

The Association for Computational Linguistics (ACL)

TECHNICAL SKILLS

- ◇ Tools: PyTorch, TensorFlow, Keras, Torch
- ◇ Language: C/C++, Python, Java, Matlab, HTML/CSS, Javascript

REFERENCES

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