

Xintong Wang

EDUCATION

University of Hamburg

Ph.D. in Computer Science, Advisor: Prof. Dr. Chris Biemann

Hamburg, Germany

2020–Current

South China University of Technology

M.S. in Computer Science, GPA: 3.70/4.00

Guangzhou, China

2016–2019

– Thesis: “Research on Abstractive Summarization”

South China University of Technology

B.S. in Computer Science, GPA: 3.40/4.00

Guangzhou, China

2012–2016

– Thesis: “Spatio-temporal Data Storage and Mining Systems”

EXPERIENCE

The Hong Kong Polytechnic University

Research Assistant, Advisor: Prof. Dr. Wenjie Li

Hong Kong SAR, China

Oct. 2018 - Aug. 2019

– Summarization

– Fusing External Language Models in the Abstractive Summarization

The Chinese Academy of Sciences,

Visiting Student Researcher, Advisor: Prof. Dr. Min Yang

Shenzhen, China

Mar. 2018 - Oct. 2018

– Summarization

– Generative Adversarial Network for Abstractive Text Summarization with Multi-task Constraint

PUBLICATIONS

- [1] **X. Wang**, F. Schneider, Ö. Alaçam, P. Chaudhury, and B. Chris, “Motif: Contextualized images for complex words to improve human reading”, in *Tobe Announced*, 2022.
- [2] F. Schneider, Ö. Alaçam, **X. Wang**, and C. Biemann, “Towards multi-modal text-image retrieval to improve human reading”, in *Proceedings of the 2021 Conference of the North American Chapter of the Association for Computational Linguistics: Student Research Workshop*, 2021.
- [3] M. Yang, **X. Wang**, Y. Lu, J. Lv, Y. Shen, and C. Li, “Plausibility-promoting generative adversarial network for abstractive text summarization with multi-task constraint”, *Inf. Sci.*, vol. 521, pp. 46–61, 2020.
- [4] J. Lv, Q. Li, Q. Sun, and **X. Wang**, “T-CONV: A convolutional neural network for multi-scale taxi trajectory prediction”, in *2018 IEEE International Conference on Big Data and Smart Computing, BigComp 2018, Shanghai, China, January 15-17, 2018*, IEEE Computer Society, 2018, pp. 82–89.
- [5] J. Lv and **X. Wang**, “Cross-dataset person re-identification using similarity preserved generative adversarial networks”, in *Knowledge Science, Engineering and Management - 11th International Conference, KSEM 2018, Changchun, China, August 17-19, 2018, Proceedings, Part II*, W. Liu, F. Giunchiglia, and B. Yang, Eds., ser. Lecture Notes in Computer Science, vol. 11062, Springer, 2018, pp. 171–183.

- [6] J. Lv, **X. Wang**, F. Huang, J. Yang, T. Wu, and Q. Yan, “TREST: A hadoop based distributed mobile trajectory retrieval system”, in *IEEE First International Conference on Data Science in Cyberspace, DSC 2016, Changsha, China, June 13-16, 2016*, IEEE Computer Society, 2016, pp. 341–346.

TEACHING

- **Co-instructor** at University of Hamburg Winter 2020
Natural Language Processing for Web

SKILLS

- **Programming Languages:** Python, Java, C++
- **Toolkit for Deep Learning:** PyTorch, TensorFlow, Numpy, Pandas, Matplotlib, NLTK, Scikit-learn

LANGUAGES

- **Chinese:** Native speaker
- **English:** Highly proficient in spoken and written
- **German:** Basic communication skills

PROJECTS

See full list of projects on www.crossmodal-learning.org/home.html

- SFB TRR 169 Project C7: Crossmodal Learning for Improving Human Reading
Learning to Read, Crossmodal Learning

SCHOLARSHIPS AND AWARDS

- EMNLP AI Funding Award 2020–2020
- ACL Diversity and Inclusion Award 2020–2020
- South China University of Technology, Graduate Research Scholarships 2016–2019
- South China University of Technology, Bachelor Scholarships 2013–2016
- Tencent Research Scholarship 2016–2016
- Honorable Mention of Mathematical Contest In Modeling Certificate of Achievement 2015

PROFESSIONAL ACTIVITIES

- Reviewer for ACL Rolling Review (ARR) 2021–2022
Crossmodal Learning, Machine Translation
- Reviewer for Journal TALLIP 2020–2021
Natural Language Processing
- Reviewer for Journal IEEE Access 2020–2021
Computer Vision, Natural Language Processing
- Conference Reviewer: ACL, NAACL, IJCAI/Senior Program Committee 2021
Summarization, Generation, Crossmodal Learning
- Conference Reviewer: ACL, EMNLP, AACL, IJCNLP 2020
Summarization, Generation, Multidisciplinary
- Conference Reviewer: EMNLP, NLPCC 2019
Summarization, Conversational Bot/QA/IR/Dialogue