

## EDUCATION

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<b>University of Hamburg</b> Ph.D. in Computer Science, Advisor: Prof. Dr. Chris Biemann	Hamburg, Germany 2020–Current
<b>South China University of Technology</b> M.S. in Computer Science, GPA: 3.70/4.00 – Thesis: “Research on Abstractive Summarization”	Guangzhou, China 2016–2019
<b>South China University of Technology</b> B.S. in Computer Science, GPA: 3.40/4.00 – Thesis: “Spatio-temporal Data Storage and Mining Systems”	Guangzhou, China 2012–2016

## EXPERIENCE

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<b>The Hong Kong Polytechnic University</b> Research Assistant, Advisor: Prof. Dr. Wenjie Li – Summarization – Fusing External Language Models in the Abstractive Summarization	Hong Kong SAR, China Oct. 2018 - Aug. 2019
<b>The Chinese Academy of Sciences,</b> Visiting Student Researcher, Advisor: Prof. Dr. Min Yang – Summarization – Generative Adversarial Network for Abstractive Text Summarization with Multi-task Constraint	Shenzhen, China Mar. 2018 - Oct. 2018

## PUBLICATIONS

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- [1] **X. Wang**, F. Schneider, Ö. Alaçam, P. Chaudhury, and C. Biemann, “Motif: Contextualized images for complex words to improve human reading”, in *Proceedings of the 13th Language Resources and Evaluation Conference*, 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

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

## SKILLS

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

## LANGUAGES

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- **Chinese:** Native speaker
- **English:** Highly proficient in spoken and written (C1)
- **German:** Basic communication skills (A2)

## PROJECTS

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See full list of projects on [www.crossmodal-learning.org/home.html](http://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

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- 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

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- 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*