

✧ Education

Sep 2015 - Jun 2020 Ph.D. in Institute of Automation, Chinese Academy of Sciences

Sep 2011 - Jun 2015 B.S. in College of Electronic Information Engineering, Sichuan University

✧ Publications

- **Long Zhou**, Wenpeng Hu, Jiajun Zhang and Chengqing Zong. Neural System Combination for Machine Translation. In Proceedings of the 55th Annual Meeting of the Association for Computational Linguistics (ACL-2017), Vancouver, Canada, July 31-August 2, 2017. (CCF-A)
- **Long Zhou**, Jiajun Zhang, Chengqing Zong and Heng Yu. Sequence Generation: From Both Sides to the Middle. In Proceedings of the 28th International Joint Conference on Artificial Intelligence (IJCAI-2019), Macao, China, August 10-16, 2019. (CCF-A)
- **Long Zhou**, Jiajun Zhang, Chengqing Zong. Synchronous Bidirectional Neural Machine Translation, Transactions of Association for Computational Linguistics (TACL, Oral in CCF-A ACL-2019), Vol. 7, pp. 91-105, 2019.
- **Long Zhou**, Jiajun Zhang and Chengqing Zong. Look-ahead Attention for Generation in Neural Machine Translation. In Proceedings of the Sixth Conference On Natural Language Processing and Chinese Computing (NLPCC-2017), Dalian, China, November, 8-12, 2017. (**Best Paper Award**, CCF-C)
- **Long Zhou**, Yining Wang, Yang Zhao, Jiajun Zhang and Chengqing Zong. CASIA Machine Translation Technical Report for the CWMT2017. In the 13th China Workshop on Machine Translation (CWMT-2017), Dalian, China, September, 27-29, 2017. (In Chinese, **First Place & Third Place**)
- Yining Wang, **Long Zhou**, Jiajun Zhang, Feifei Zhai, Jingfang Xu and Chengqing Zong. A Compact and Language-Sensitive Multilingual Translation Method. In Proceedings of the 57th Annual Meeting of the Association for Computational Linguistics (ACL-2019), Florence, Italy, July 28-August 2, 2019. (CCF-A)
- Yuchen Liu, **Long Zhou**, Yining Wang, Yang Zhao, Jiajun Zhang and Chengqing Zong. A Comparable Study on Model Averaging, Ensembling and Reranking in NMT. In Proceedings of the Seventh Conference On Natural Language Processing and Chinese Computing (NLPCC-2018), Hohhot, China, August, 26-30, 2018, pp. 299-308. (CCF-C)
- Yining Wang, **Long Zhou**, Jiajun Zhang and Chengqing Zong. Word, Subword or Character? An Empirical Study of Granularity in Chinese-English NMT. In: Wong D., Xiong D. (eds) Machine Translation. CWMT 2017. Communications in Computer and Information Science, vol 787. Springer, Singapore. (EI)
- Junnan Zhu, **Long Zhou**, Haoran Li, Jiajun Zhang, Yu Zhou and Chengqing Zong. Augmenting Neural Sentence Summarization through Extractive Summarization. In Proceedings of the Sixth

Conference On Natural Language Processing and Chinese Computing (NLPCC-2017), Dalian, China, November, 8-12, 2017. (CCF-C)

- Xiaomian Kang, Haoran Li, **Long Zhou**, Jiajun Zhang and Chengqing Zong. An End-to-End Chinese Discourse Parser with Adaptation to Explicit and Non-explicit Relation Recognition . In Proceedings of the Twentieth Conference on Computational Natural Language Learning (CoNLL-2019): Shared Task. Berlin, Germany, August 11-12, 2016. (CCF-C, **First Place**)
- Yining Wang, Jiajun Zhang, **Long Zhou**, Yuchen Liu and Chengqing Zong. Synchronously Generating Two Languages with Interactive Decoding. In Proceedings of 2019 Conference on Empirical Methods in Natural Language Processing and 9th International Joint Conference on Natural Language Processing (EMNLP- IJCNLP-2019), November 3–7, Hong Kong, China. (CCF-B)

✧ Projects

Oct 2016 – Oct 2017	English-Chinese machine translation system for Boeing.
Dec 2017 - Jan 2018	Multilingual machine translation system on Chinese-English and Uighur-Chinese for Toshiba and Tencent, respectively.
Nov 2018 - May 2019	Development and research of synchronous bidirectional neural machine translation for Alibaba and Docomo, respectively.

✧ Software

- Transformer: A simple Tensorflow implementation of the Transformer.
Link: <https://github.com/wszlong/transformer>
- Transformer-translator: A C++/CUDA toolkit for Transformer (NMT) Translator (Decoder).
Link: <https://github.com/wszlong/transformer-translator>
- SB-NMT: Code for Synchronous Bidirectional Neural Machine Translation (SB-NMT).
Link: <https://github.com/wszlong/sb-nmt>
- RNMT: A C++/CUDA toolkit for neural machine translation (RNN-Based NMT).
Link: <https://github.com/wszlong/rnmt>

✧ Competition

- CoNLL-2016 Shared Task on Chinese Shallow Discourse Parsing, First Place.
- Machine Translation Evaluation in CWMT 2017, First Place for & Third Place.
- The English-Chinese Machine Translation track in AI Challenger 2017, Third Place.
- Minority Language Machine Translation Evaluation in CCMT 2019, Second Place.

✧ Awards

NVIDIA Scholarship, 2018

NLPCC-2017 Best Paper Award, 2017

Excellent Students of Chinese Academy of Sciences, 2016

Outstanding University Graduates of Sichuan Province, 2015 (Top 1%)

National Scholarship, 2011-2014 (Top 2%)