

RENQIAN LUO

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📖 INTRODUCTION

Renqian Luo is a third-year Ph.D student in a joint program with University of Science and Technology of China (USTC) and Microsoft Research Asia (MSRA), advised by Dr.Tao Qin.

- Google Scholar: <https://scholar.google.com/citations?user=zj8MzB4AAAAJ>
- LinkedIn: <https://www.linkedin.com/in/renqian-luo-74a94abb/>
- GitHub: <https://github.com/renqianluo>

🎓 EDUCATION

University of Science and Technology of China (USTC), Hefei, China 2016 – Present

Ph.D student in computer science and technology

University of Science and Technology of China (USTC), Hefei, China 2012 – 2016

B.S. in computer science and technology

👥 INTERNSHIPS

Microsoft Research Asia (MSRA) Beijing, China 2016.8 – Present

PhD student and Research Intern Group:Machine Learning Mentor: Tao Qin

PhD student of MSRA-USTC joint PhD program.

- Research on Auto Machine Learning
- Research on Neural Machine Translation

Microsoft Research Asia (MSRA) Beijing, China 2015.7 – 2016.5

Research Intern Group:WNG Mentor: Kun Tan

Mainly worked on data center network, using reconfigurable hardware to accelerate functions deployed in data center. Also worked with Microsoft Bing Dictionary team to develop new features for Microsoft Bing Dictionary.

- Worked on ClickNP project
- Developed new features for Bing Dictionary

👥 SELECTED PUBLICATIONS AND PROJECTS

ACL 2019 Fourth Conference on Machine Translation (WMT 2019)

World Champion

- Whole Team: 7 1st places and 4 2nd places in 11 tasks (19 tasks in total). Champion team.
- My contribution: 1st place (champion) in Chinese-English translation task.
- <http://www.statmt.org/wmt19>
- <http://matrix.statmt.org>

Neural Architecture Optimization (NeurIPS 2018)

Renqian Luo, Fei Tian, Tao Qin, Enhong Chen, Tie-yan Liu. Neural Architecture Optimization. Advances in Neural Information Processing Systems 2018 (NeurIPS 2018).

Achieving Human Parity on Automatic Chinese to English News Translation

Hany Hassan, Anthony Aue, Chang Chen, Vishal Chowdhary, Jonathan Clark, Christian Federmann, Xue-dong Huang, Marcin Junczys-Dowmunt, William Lewis, Mu Li, Shujie Liu, Tie-Yan Liu, Renqian Luo, Arul Menezes, Tao Qin, Frank Seide, Xu Tan, Fei Tian, Lijun Wu, Shuangzhi Wu, Yingce Xia, Dongdong Zhang,

Zhirui Zhang, Ming Zhou. Achieving human parity on automatic Chinese to English news translation. arXiv preprint arXiv:1803.05567.

ClickNP (SIGCOMM 2016)

Bojie Li, Kun Tan, Layong Larry Luo, Yanqing Peng, Renqian Luo, Ningyi Xu, Yongqiang Xiong, Peng Cheng, Enhong Chen. Clicknp: Highly flexible and high performance network processing with reconfigurable hardware. Proceedings of the 2016 ACM SIGCOMM Conference.

High Performance RDMA over FPGA

2016.2 – 2016.5

Renqian Luo, Yishuai Li, Kun Tan Undergraduate Thesis

Implemented the RDMA protocol on FPGA using ClickNP

♡ RECENT HONORS AND AWARDS

2018 National Scholarship for Graduate Students	2018.9
2015 USTC Outstanding Student Scholarship – Bronze	2015.9
2014 USTC Outstanding Student Scholarship – Bronze	2014.9
2013 USTC Outstanding Student Scholarship – Bronze	2013.9
2012 USTC Outstanding Student Scholarship – Bronze	2012.9
2 nd Prize in 2012 “FLTRP CUP” English Public Speaking Contest	2012.9