

Liangchen Luo

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Research Interests	Natural Language Processing, Learning Theory, Model Compression, Vision	
Education	Peking University (PKU) School of Earth and Space Science B.Sc., in the Specialty of Geographical Information Science	2014 – 2019
Research Experience	Mobile Models Team, Cerebra, Google Research AI Resident, advised by Andrew Howard and Mark Sandler	Oct 2019 – Present
	NLP Group, DiDi AI Labs Research Intern, advised by Yan Liu	Jul 2018 – Nov 2018
	Big Data Mining Group, Microsoft Research Asia Research Intern, advised by Wenhao Huang and Zaiqing Nie	Jul 2017 – May 2018
Publications	<ol style="list-style-type: none">Adaptive Gradient Methods with Dynamic Bound of Learning Rate. Liangchen Luo*, Yuanhao Xiong*, Yan Liu, Xu Sun. In <i>Proceedings of the 7th International Conference on Learning Representations (ICLR)</i>. 2019.Learning Personalized End-to-End Goal-Oriented Dialog. Liangchen Luo, Wenhao Huang, Qi Zeng, Zaiqing Nie, Xu Sun. In <i>Proceedings of the 33rd AAAI Conference on Artificial Intelligence (AAAI)</i>. 2019.Text Assisted Insight Ranking Using Context-Aware Memory Network. Qi Zeng*, Liangchen Luo*, Wenhao Huang, Yang Tang. In <i>Proceedings of the 33rd AAAI Conference on Artificial Intelligence (AAAI)</i>. 2019.An Auto-Encoder Matching Model for Learning Utterance-Level Semantic Dependency in Dialogue Generation. Liangchen Luo*, Jingjing Xu*, Junyang Lin, Qi Zeng, Xu Sun. In <i>Proceedings of the 2018 Conference on Empirical Methods in Natural Language Processing (EMNLP)</i>. 2018.	
Manuscripts	<ol style="list-style-type: none">Image Segmentation via Cellular Automata. Mark Sandler, Andrey Zhmoginov, Liangchen Luo, Alexander Mordvintsev, Ettore Randazzo, Blaise Agüera y Arcas. <i>arXiv preprint arXiv:2008.04965</i>. 2020.MUSE: Parallel Multi-Scale Attention for Sequence to Sequence Learning. Guangxiang Zhao, Xu Sun, Jingjing Xu, Zhiyuan Zhang, Liangchen Luo. <i>arXiv preprint arXiv:1911.09483</i>. 2019.	
Professional Service	<ul style="list-style-type: none">Program committee member, the International Conference on Learning Representations (ICLR), 2021.Program committee member, the Annual Meeting of the Association for Computational Linguistics (ACL), 2019.	

- Program committee member, the Conference on Empirical Methods in Natural Language Processing (EMNLP), 2019.
- Program committee member, the AAAI Conference on Artificial Intelligence (AAAI), 2020.

**Awards
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Honors**

- Academic Excellence Award, Peking University 2018
- Liao Kaiyuan Scholarship, Peking University 2018
- Study Excellence Award, Peking University 2015
- May Fourth Scholarship, Peking University 2015
- First prize of National Olympiad in Informatics in Provinces \times 3, China 2011 – 2013