Liangchen Luo

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Research Interests

Natural Language Processing, Learning Theory

Education

Peking University (PKU)
School of Earth and Space Science
B.Sc., in the Specialty of Geographical Information Science   2014 – 2019

Research Experience

On-Device Machine Learning Group, Google AI
AI Resident   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

Awards & 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

Publications

4. Adaptive Gradient Methods with Dynamic Bound of Learning Rate.
   Liangchen Luo*, Yuanhao Xiong*, Yan Liu, Xu Sun.
   In *Proceedings of the 7th International Conference on Learning Representations (ICLR)*. 2019.

3. Learning Personalized End-to-End Goal-Oriented Dialog.
   Liangchen Luo, Wenhao Huang, Qi Zeng, Zaiqing Nie, Xu Sun.
   In *Proceedings of the 33rd AAAI Conference on Artificial Intelligence (AAAI)*. 2019.

2. Text Assisted Insight Ranking Using Context-Aware Memory Network.
   Qi Zeng*, **Liangchen Luo***, Wenhao Huang, Yang Tang.
   In *Proceedings of the 33rd AAAI Conference on Artificial Intelligence (AAAI)*. 2019.

1. 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 *Proceedings of the 2018 Conference on Empirical Methods in Natural Language Processing (EMNLP)*. 2018.

Professional Service

- 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.