Ruiyang Ren

Contact Information

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Google Scholar: https://scholar.google.com/citations?user=KpIEBYMAAAAJ

Education Experience

Renmin University of China   Master of Science (M.S.)

Big Data Science and Engineering, GPA: 3.76/4   *Sep 2019 – Now*
- Laboratory: Big Data and Analysis and Intelligence Lab (BDAI)
- Advisors：Prof. Ji-Rong Wen and Xin Zhao
- Research Interests：Natural Language Processing, Recommender System

Shandong University   Bachelor of Engineering (B.Eng.)

Computer Science and Technology, GPA: 87.6/100   *Sep 2015 – June 2019*
- Laboratory: Intelligent media research centre (iLearn)
- Advisors：Prof. Liqiang Nie and Xuemeng Song
- Research Interests：Social Media Computation

Internship Experience

NLP Department, Baidu

Research Intern   *May 2020 – Now*
- Mentor: Dr. Jing Liu
- Worked on Dense Passage Retrieval in Open-domain Question Answering
- The outcomes were published in NAACL'2021 and ACL'2021

Honers and Awards

National Scholarship for Graduate Students of China (Highest National Scholarship)	2020
SIGIR 2020 Student Travel Grant	2020
Graduate Student First-class Academic Scholarship	2020
Merit student of Renmin University of China	2020
First Prize of National Olympiad in Informatics in Provinces (NOIP) in Hebei Province	2013
First Prize of Hebei Youth Accordion Competition	2011

Publications

Preprints

- **Ruiyang Ren**, Shangwen Lv, Yingqi Qu, Jing Liu, Wayne Xin Zhao, QiaoQiao She, Hua Wu, Haifeng Wang, Ji-Rong Wen, "*Leveraging Passage-Centric Similarity Relation for Improving Dense Passage Retrieval*".

Conference and Journal Papers

- Yingqi Qu, Yuchen Ding, Jing Liu, Kai Liu, **Ruiyang Ren**, Wayne Xin Zhao, Daxiang Dong, Hua Wu, Haifeng Wang, "*RocketQA: An Optimized Training Approach to Dense Passage Retrieval for Open-Domain Question Answering*", Annual Conference of the North American Chapter of the Association for Computational Linguistics (**NAACL'2021**)

- Xiaolin Chen, Xuemeng Song, **Ruiyang Ren**, Lei Zhu, Zhiyong Cheng, Liqiang Nie, "*Fine-Grained Privacy Detection with Graph-Regularized Hierarchical Attentive Representation Learning*", ACM Transactions on Information Systems (**TOIS**), 2020, Vol.38, No.4

- **Ruiyang Ren**, Zhaoyang Liu, Yaliang Li, Wayne Xin Zhao, Hui Wang, Bolin Ding, Ji-Rong Wen, "*Sequential Recommendation with Self-Attentive Multi-Adversarial Network*", 43rd International ACM SIGIR Conference on Research and Development in Information Retrieval (**SIGIR'2020**)

SERVICE

Conference Program Committee Member

Conference Volunteer

- ACM International Conference on Information and Knowledge Management (CIKM) 2019