Ruihong Qiu 邱瑞鸿

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Education

PhD candidate in Computer Science, *The University of Queensland*, 2019–2022 (expected), advised by Dr. Helen Huang and Dr. Hongzhi Yin.

B.E. in Electrical Engineering, *Beihang University*, 2014–2018.

Publications

Journal [2] **Exploiting Positional Information for Session-based Recommendation** , *ACM Trans. Inf. Syst. (2021)*.
Ruihong Qiu, Zi Huang, Chen Tong, Hongzhi Yin

[1] **Exploiting Cross-session Information for Session-based Recommendation with Graph Neural Networks**, *ACM Trans. Inf. Syst. 38(3): 22:1-22:23 (2020)*.
Ruihong Qiu, Jingjing Li, Zi Huang, Hongzhi Yin

Conference [8] **Contrastive Learning for Representation Degeneration Problem in Sequential Recommendation** , *WSDM 2022*.
Ruihong Qiu, Zi Huang, Hongzhi Yin, Zijian Wang

[7] **Memory Augmented Multi-Instance Contrastive Predictive Coding for Sequential Recommendation**, *ICDM 2021*.
Ruihong Qiu, Zi Huang, Hongzhi Yin

[6] **Semantics Disentangling for Generalized Zero-Shot Learning**, *ICCV 2021*.
Zhi Chen, Yadan Luo, **Ruihong Qiu**, Sen Wang, Zi Huang, Jingjing Li, Zheng Zhang

[5] **Learning to Diversify for Single Domain Generalization**, *ICCV 2021*.
Zijian Wang, Yadan Luo, **Ruihong Qiu**, Zi Huang, Mahsa Baktashmotlagh

[4] **CausalRec: Causal Inference for Visual Debiasing in Visually-Aware Recommendation**, *ACM Multimedia 2021: 3844-3852 (oral)*.
Ruihong Qiu, Sen Wang, Zhi Chen, Hongzhi Yin, Zi Huang

[3] **Enhancing Generalized Zero-Shot Learning by Visual Perturbation** , *ACM Multimedia 2021: 844-852*.
Zhi Chen, Yadan Luo, Sen Wang, **Ruihong Qiu**, Jingjing Li, Zi Huang

[2] **GAG: Global Attributed Graph Neural Network for Streaming Session-based Recommendation**, *SIGIR 2020: 669-678*.
Ruihong Qiu, Hongzhi Yin, Zi Huang, Tong Chen

[1] **Rethinking the Item Order in Session-based Recommendation with Graph Neural Networks**, *CIKM 2019: 579-588*.
Ruihong Qiu, Jingjing Li, Zi Huang, Hongzhi Yin

Experience

Research Intern, *Horizon Robotics Inc*, 07.2017–06.2018.
○ Model-based reinforcement learning for autonomous driving.

Algorithm Engineer Intern, *Swie Inc*, 07–09.2016.
○ Deep learning-based scolds detection for PCB chips.

Professional Services

Journal reviewer, *TKDE, TOIS, WWWJ.*

Conference reviewer, *ACML'20, CIKM'21'20, ICDE'20, IJCAI'20, SIGIR'20'19, SIGMOD'20, VLDB'21, WSDM'21'20.*

Honors

SIGIR Student Travel Grant, *SIGIR 2020.*

SIGIR Student Travel Grant, *CIKM 2019.*

The Twenty-fifth Fengru Cup Science and Technology Competition, *First Prize.*

China Undergraduate Mathematical Contest in Modeling, *First Prize.*

Beihang University Excellent Students Scholarship, *Third Prize.*

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