Liang Qu

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Research Interests: Graph Embedding; Recommender System; Swarm Learning

JOB EXPERIENCE:

- May 2021 - Nov 2021: Research Intern in WeChat Group, Tencent, Shenzhen, China.

- Jul. 2019 - Sept. 2020: Research Assistant in the department of computer science and engineering, Southern University of Science and Technology. Shenzhen, China.

- Jun. 2016 - Aug. 2016: Product Manager Intern in Qihoo 360 Technology Co.Ltd, Beijing, China.

EDUCATION EXPERIENCE:

- Oct. 2020 - Present: second-year Ph.D. candidate student in computer science and technology at the University of Queensland (UQ) and Southern University of Science and Technology (SUSTech).

- Sept. 2017 - Jul. 2019: MSc student in the department of computer science and technology, Harbin Institute of Technology (HIT) .

- Sept. 2013 - Jul. 2017: BSc student in the department of applied physics, South China University of Technology (SCUT) .

PUBLICATIONS:

1. **Liang Qu**, Yonghong Ye, Ningzhi Tang, Lixin Zhang, Yuhui Shi, and Hongzhi Yin. 2022. Single-shot Embedding Dimension Search in Recommender System. In Proceedings of the 45th International ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR '22), July 11-15, 2022, Madrid, Spain. ACM, New York, NY, USA, 10 pages. **[Paper]**

2. **Liang Qu**, Huaisheng Zhu, Qiqi Duan, and Yuhui Shi. 2020. Continuous- Time Link Prediction via Temporal Dependent Graph

Neural Network. In Proceedings of The Web Conference 2020 (WWW '20), April 20–24, 2020, Taipei, Taiwan. ACM, New York, NY, USA. **[Paper],[Code]**

3. **Liang Qu**, Huaisheng Zhu, Ruiqi Zheng, Yuhui Shi, and Hongzhi Yin† .2021. ImGAGN:Imbalanced Network Embedding via Generative Adversarial Graph Networks. In Proceedings of the 27th ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD '21), August 14–18, 2021, Virtual Event, Singapore. **[Paper], [Code].**

HONORS AND AWARDS:

- **SIGIR Student Travel Grant**
- **Outstanding Graduates,** South China University of Technology, 2017
- **Merit Student,** South China University of Technology, 2017
- **The First Prize Scholarship,** South China University of Technology, 2017

Professional Services:

- **Journal Reviewer:** TOIS, WWWJ
- **Conference Reviewer:** VLDB 2022, SIGKDD 2022, WWW 2022, PAKDD 2022, DASFAA 2022, WISE 2021, VLDB 2021