Zhou Qin

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Interests & Skills

- Graph Neural Networks, Graph Mining; Meta Learning; Distributed System;
- Python, C++, Java, SQL; Tensorflow, PyTorch, GNU/Linux, Vim, Git, LaTeX

Education

- **Cornell University** — **New York, U.S.**
  Master of Engineering, Computer Science — *2016–2018*
  GPA: 3.72/4.0
- **South China University of Technology (SCUT)** — **GuangZhou,China**
  Bachelor of Engineering, Computer Science and Technology — *2012–2016*
  GPA: 3.85/4.0 GPA Ranking: 3/115

Publications

[1] Ao Li*, **Zhou Qin***, Runshi Liu, Yiqun Yang, and Dong Li. Spam review detection with graph convolutional networks. In *Proceedings of the 28th ACM International Conference on Information and Knowledge Management*, pages 2703-2711. ACM, 2019. **[Best Applied Research Paper Award, *Equal Contribution]**

Open Source Projects

- **pumpkin-book** — **∼15k stars**
  Line by line formula deduction for the book "Machine Learning" by prof. Zhi-Hua Zhou
  - Responsible for the content and quality from chapter 8 to chapter 16
- **graph-learn** — **∼600 stars**
  Large scale graph learning framework in Alibaba
  - Participating in graph-learn abstraction design, implementing supervised graph neural network model such as GraphSAGE, GCN and GAT

Experiences

- **Algorithm Engineer II** — **Alibaba Group, Hangzhou**
  Data and Algorithms Team, Security Department — *Aug. 2018–now*
  - Applying Graph Neural Network algorithms to identify risk commodities/buyers/sellers.
- **Data Mining Intern** — **Alibaba Group, Hangzhou**
  Data and Algorithms Team, Security Department — *July 2015–Sep. 2015*
  - Coded large-scale distributed graph algorithms based on "ODPS Graph" (a distributed graph framework used in Alibaba). Optimized time and space complexity of these algorithms with advanced data structures for large-scale graph mining.

Awards & Honors (Selected)

- **Amazon | DGL Graph Deep Learning Challenge** — **First Prize**
  Amazon Shanghai — *Dec. 2019*
- **National Scholarship** — **Top 1%**
  Ministry of Education of the People's Republic of China — *Nov. 2015*
- **Finalist in Interdisciplinary Contest in Modeling (MCM/ICM)** — **Ranked 14/2137**
  Consortium for Mathematics and its Applications (COMAP) — *Apr. 2015*