

# Zhou Qin

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## Interests & Skills

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

## Education

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- **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

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[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

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- **pumpkin-book** **10k 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** **30 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

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- **Algorithm Engineer** **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)

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- **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*