

Yifan Qian

PhD student, School of Business and Management
Room 4.25h, Bancroft Building, Mile End Campus
Queen Mary University of London
London, UK

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Web: <https://haczqyf.github.io/>
Email: y.qian@qmul.ac.uk

Short Bio

I am currently a PhD student at the School of Business and Management (SBM) in Queen Mary University of London (QMUL), UK. My research is broadly concerned with computational social science and combines theories and methods from network science, sociology, machine learning and data science. The general goal of my work is to better understand the structure, functioning and consequences of complex large-scale networks across a number of empirical domains including citation networks, social networks and collaboration networks.

Education

- **Queen Mary University of London** London, UK
PhD candidate in Computational Social Science Sep. 2017 - Present
Supervisor: Pietro Panzarasa (QMUL)
- **Beihang University** Beijing, China
MSc. in Computer Science Sep. 2014 - Mar. 2017
Supervisor: Wenge Rong (Beihang University)
- **École Centrale de Nantes** Nantes, France
Diplôme d'ingénieur Sep. 2013 - Aug. 2015
- **Beihang University** Beijing, China
BSc. in Information and Computing Sciences Sep. 2010 - Aug. 2014

Publications

- Journal Publications
 - Yifan Qian, Wenge Rong, Nan Jiang, Jie Tang, and Zhang Xiong. **Citation regression analysis of computer science publications in different ranking categories and subfields**. *Scientometrics* 110, no. 3 (2017): 1351-1374.
- Peer-reviewed Conference Proceedings
 - Yifan Qian, Paul Expert, Pietro Panzarasa, and Mauricio Barahona. **Linking the classification performance of Graph Convolutional Networks with the alignment of graphs and features**. *Data Natives* (2019), *contributed talk*.
 - Yifan Qian, Paul Expert, Pietro Panzarasa, and Mauricio Barahona. **Geometric deep learning with graphs: Linking the classification performance of Graph Convolutional Networks with the alignment of graphs and features**. 2nd UK Network Science workshop (2018), *lightning talk*.

- Yifan Qian, Paul Expert, Pietro Panzarasa, and Mauricio Barahona. **Geometric deep learning with graphs: Linking the classification performance of Graph Convolutional Networks with the alignment of graphs and features**. IC2S2 (2018).
- Yifan Qian, Paul Expert, Pietro Panzarasa, and Mauricio Barahona. **Geometric deep learning with graphs: Linking the classification performance of Graph Convolutional Networks with the alignment of graphs and features**. NetSci Satellite on Machine Learning in Network Science (2018), *Contributed talk*.
- Yifan Qian, Paul Expert, Pietro Panzarasa, and Mauricio Barahona. **Geometric deep learning with graphs: Linking the classification performance of Graph Convolutional Networks with the alignment of graphs and features**. NetSci (2018).

Full list: <https://scholar.google.com/citations?user=2fqM9KMAAAAJ>

WORKING PAPERS

- Yifan Qian, Paul Expert, Tom Rieu, Pietro Panzarasa, and Mauricio Barahona. **Quantifying the alignment of graph and data features in deep learning**. (2019).
- Yifan Qian and Pietro Panzarasa. **Intra- and inter-brokerage in social networks**. (2019)
- Yifan Qian, Luca Verginer, Greg Morrison, Pietro Panzarasa and Massimo Riccaboni. **Social distance with editors in co-authorship networks**. (2019)
- Yifan Qian, Luca Verginer, Pietro Panzarasa, and Massimo Riccaboni. **Measuring the social diversity of cities in mobility and scientific collaboration networks**. (2019)
- Yifan Qian, Marco Serino, Ágnes Horvát, Leslie DeChurch, Pietro Panzarasa, and Noshir Contractor. **The structural foundations of creativity: A network-based study of co-productions among Italian theaters**. (2019)

PRESENTATIONS

- Data Natives 2019. (Talk, London, UK) Mar. 2019
- 2nd UK Network Science Workshop. (Talk, London, UK) Oct. 2018
- SBM PhD Symposium. (Talk, SBM, QMUL) Oct. 2018
- IC2S2 2018. (Poster, Evanston, Illinois, US) Jul. 2018
- PhD 9-Month Progression. (Talk, SBM, QMUL) Jun. 2018
- NetSci 2018 Satellite: Machine Learning in Network Science. (Talk, Paris, France) . . . Jun. 2018
- NetSci 2018. (Poster, Paris, France) Jun. 2018

Awards and Scholarships

- Queen Mary - China Scholarship Council Co-funded Scholarships (£100,000) 2017 - 2021

- Beihang University Outstanding Graduate Dissertation Award (top 2%) 2017
- Beihang University Outstanding Graduate (top 5%) 2017
- First-class Graduate Scholarship from Beihang University (¥10,000) 2014 - 2015
- Scholarship from École Centrale de Nantes (€1,000) 2014

Miscellaneous

- **Teaching (TA):**
 - Social Network Analysis, 2019 (Level 6 in Bachelor, SBM, QMUL)
- **Open source contributions:**
 - Github: <https://github.com/haczqyf>