

# Yifan Qian

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

Updated: 24 September, 2020

Web: <http://yifanqian.com/>  
Email: [y.qian@qmul.ac.uk](mailto:y.qian@qmul.ac.uk)

## Short Bio

I am a PhD student at Queen Mary University of London (United Kingdom). My research is broadly concerned with computational social science, and combines theories and methods from network science, sociology, machine learning, and data science. I received my MSc in Computer Science from Beihang University (China) in 2017, and my BSc in Information and Computing Science from Beihang University (China) in 2014.

## Research interests

Science of Science, Network Science, Computational Social Science, Machine Learning, Graph Neural 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. **Constructing geometric graphs from features to aid classification tasks**. *NetSci* (2020), *regular talk*.
  - [Yifan Qian](#), Luca Verginer, Xiancheng Li, Massimo Riccaboni, and Pietro Panzarasa. **Measuring the social diversity of cities in mobility and scientific collaboration networks**. *IC2S2* (2019), *regular talk*.

- Yifan Qian and Pietro Panzarasa. **Intra- and inter-brokerage in social networks**. IC2S2 (2019), *poster*.
- Yifan Qian, Paul Expert, Pietro Panzarasa, and Mauricio Barahona. **Linking the classification performance of Graph Convolutional Networks with the alignment of graphs and features**. IC2S2 (2019), *poster*.
- 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), *poster*.
- 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), *poster*.

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

## UNDER REVIEW PAPERS

- Yifan Qian, Paul Expert, Pietro Panzarasa, and Mauricio Barahona. **Geometric graphs from data to aid classification tasks with graph convolutional networks**. arXiv preprint arXiv:2005.04081 (2020).
- Yifan Qian, Paul Expert, Tom Rieu, Pietro Panzarasa, and Mauricio Barahona. **Quantifying the alignment of graph and data features in deep learning**. arXiv preprint arXiv:1905.12921 (2019).

## WORKING PAPERS

- Yifan Qian and Pietro Panzarasa. **Intra- and inter-brokerage in social networks**.
- Yifan Qian, Luca Verginer, Greg Morrison, Massimo Riccaboni, and Pietro Panzarasa. **Social distance with editors in co-authorship networks**.
- Yifan Qian, Luca Verginer, Xiancheng Li, Massimo Riccaboni, and Pietro Panzarasa. **Measuring the social diversity of cities in mobility and scientific collaboration networks**.
- 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**.

## PRESENTATIONS

- NetSci 2020. (Talk&Poster, Virtual) . . . . . Sep. 2020
- IC2S2 2020. (Poster, Virtual) . . . . . Jul. 2020
- SBM PhD Symposium. (Talk, SBM, QMUL) . . . . . Oct. 2019
- IC2S2 2019. (Talk&Poster, Amsterdam, The Netherlands) . . . . . Jul. 2019
- 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

- NetSci 2020 Registration Support (€130) . . . . . 2020
- 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, 2020 (Level 6 in Bachelor, SBM, QMUL)
  - Social Network Analysis, 2019 (Level 6 in Bachelor, SBM, QMUL)
- **Open source contributions:**
  - Github: <https://github.com/haczqyf>