

## EDUCATION

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- University of Pittsburgh** Pittsburgh, PA  
Ph.D. in Business Analytics and Operations, Advisor: Prakash Mirchandani, Michael L. Hamilton 2019–Current
- KTH Royal Institute of Technology** Stockholm, Sweden  
M.S. in Applied and Computational Mathematics 2017–2019
- Zhejiang University** Hangzhou, China  
B.S. in Mathematics and Applied Mathematics 2013–2017

## PUBLICATIONS

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1. Wenjie Xu\*, Titing Cui\*, and Minghua Chen. *Optimizing Two-Truck Platooning with Deadlines*. (\*co-primary authors)
  - Accepted in **IEEE Transactions on Intelligent Transportation Systems**, 2022.

## WORKING PAPERS

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1. Titing Cui, Michael L. Hamilton. *Optimal Feature-Based Market Segmentation and Pricing*.  
Major Revision in **Operations Research**. June 2023
  - Accepted in The 18th Conference on Web and Internet Economics (WINE), 2022.
  - Third Place, INFORMS Service Science Best Cluster Paper Award, 2022.
2. Titing Cui, Michael L. Hamilton. *Pricing Strategies for Online Dating Platforms*.  
Major Revision in **Manufacturing & Service Operations Management**. June 2023
3. Titing Cui, Esther Gal-Or, Mike Gordon, Michael L. Hamilton, Jennifer Shang. *The Effects of Competition on Corporate Sustainability*.
  - **Submitted**.
  - Accepted in The 3rd ACM Conference on Equity and Access in Algorithms, Mechanisms, and Optimization (EAAMO), 2023.

## WORK IN PROGRESS

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1. Titing Cui, Michael L. Hamilton, Jia Su. *Rating Systems Design: Structure, Incentives, and Fees*. In progress.
2. Titing Cui, Jia Su, Thomas Lavastida. *Demand Learning Beyond i.i.d Arrivals*. In progress.
3. Titing Cui, Michael L. Hamilton, Qiqi Hao. *Pricing for Two-sided Dating Platforms*. In progress.
4. Titing Cui, Prakash Mirchandani. *Constant Capacity Multicommodity Fixed-Charge Network Design*. In progress.

## PRESENTATIONS

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Note: The (C) implies the talk was given online.

1. “Optimal Feature-Based Market Segmentation and Pricing”

- INFORMS Annual Conference 2022, Indianapolis, In. Oct. 2022
- INFORMS Annual Conference 2021, Anaheim CA. Oct. 2021
- RMP Section Conference 2021, Remote Conference. (C) July 2021
- CORS Annual Conference 2021, Remote Conference. (C) June 2021

2. “Pricing Strategies for Online Dating Platforms”

- The 18<sup>th</sup> Conference on Web and Internet Economics , Troy, NY, USA, Dec, 2022.
- INFORMS Annual Conference 2022, Indianapolis, In. Oct. 2022
- University of Toronto, Rotman Young Scholar Seminar. July 2022
- RMP Section Conference 2022, Remote Conference. (C) July 2022
- MSOM Annual Conference 2022, Munich. June 2022
- CORS Annual Conference 2022, Remote Conference. (C) June 2022

## TEACHING

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- **Instructor** at University of Pittsburgh  
*BQOM 2578 - Data Mining* Fall 2022, 2023
- **Teaching Assistant** at University of Pittsburgh  
*BQOM 2535 - Healthcare Operations and Supply Chain Management* Summer 2021, Spring 2022, 2023  
*BQOM 2401 - Statistical Analysis: Uncertainty* Fall 2021  
*BQOM 2534 - Strategic Procurement and Sourcing Management* Spring 2021

## SCHOLARSHIPS AND AWARDS

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- Sheth Fellowship 2022
- Rockwell Foundation Fellowship 2019
- KTH Scholarship 2017

## PROFESSIONAL SERVICES

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- Organization Committee 2022  
*YinzOR Student Conferences, Carnegie Mellon University.*

## SKILLS AND OTHERS

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**Programming Language:** Python, R, Mathematica, Stata, Matlab, C, SQL, L<sup>A</sup>T<sub>E</sub>X

**Language:** Mandarin (native), English (fluent).

**Hobbies:** Badminton, Tennis, Ping Pong.