

## 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

## WORKING PAPERS

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1. Titing Cui, Michael L. Hamilton. *Optimal Feature-Based Market Segmentation and Pricing*.
  - Submitted to Operations Research.
  - 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*.
  - Submitted to Management Science.

## WORK IN PROGRESS

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1. Titing Cui, Michael L. Hamilton, Jia Su. *Fee Structures for Online Platforms*. In progress.
2. Titing Cui, Esther Gal-Or, Mike Gordon, Michael L. Hamilton, Jennifer Shang. *Sustainable Investment: Effects of Green Manufacturing and Social Responsibility in Competition*. In progress.

## PUBLICATIONS

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

## 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  
*Data Mining (BQOM 2578)* Fall 2022
- **Teaching Assistant** at University of Pittsburgh  
*Healthcare Operations and Supply Chain Management (BQOM 2535)* Summer 2021, Spring 2022  
*Statistical Analysis: Uncertainty* Fall 2021  
*Strategic Procurement* 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.