Will Ma

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Employment

Columbia University, New York, NY
2024 – *Roderick H. Cushman Associate Professor of Business*
2023 – 2024 *Associate Professor of Business*
2019 – 2023 *Assistant Professor of Business*

2018 – 2019 **Google Research**, Cambridge, MA
Postdoctoral Researcher, Operations Research Team

2015 **Jane Street Capital**, New York, NY
Trader Intern

2013 – 2015 **Lunarch Studios Inc.**, Waterloo, ON Canada
Co-founder
I took leave from MIT in 2013 to form the start-up Lunarch Studios, which launched the strategy game *Prismata* on the *Steam* platform.

Education

2015 – 2018 **Massachusetts Institute of Technology**, Cambridge, MA
2010 – 2012 *Ph.D. in Operations Research*
Advisor: David Simchi-Levi

2006 – 2010 **University of Waterloo**, Waterloo, ON Canada
B.Math with honors in Pure Mathematics and Combinatorics/Optimization

Journal Papers

1. **Survey of Data-driven Newsvendor: Unified Analysis and Spectrum of Achievable Regrets** with Zhuoxin Chen

   Operations Research, forthcoming

   *Zhuoxin Chen won 1st place in the INFORMS Undergraduate Operations Research Prize, INFORMS 2025

2. **From Contextual Data to Newsvendor Decisions: On the Actual Performance of Data-Driven Algorithms** with Omar Besbes, Omar Mouchtaki

   Management Science, forthcoming

3. **Dynamic Pricing for Reusable Resources: The Power of Two Prices** with Santiago Balseiro, Wenxin Zhang

   Operations Research, articles in advance

4. **Beyond IID: Data-Driven Decision-Making in Heterogeneous Environments** with Omar Besbes, Omar Mouchtaki

   Management Science, articles in advance

5. **The Benefits of Delay to Online Decision-Making** with Yaqi Xie, Linwei Xin

   Management Science, articles in advance

   *covered in Chicago Booth Review, 2023

   *selected for presentation in the MSOM Supply Chain Management SIG, 2023

6. **The Competitive Ratio of Threshold Policies for Online Unit-density Knapsack Problems** with David Simchi-Levi, Jinglong Zhao

   Management Science, articles in advance

7. **Tightness without Counterexamples: A New Approach and New Results for Prophet Inequalities** with Jiashuo Jiang, Jiawei Zhang

   Mathematics of Operations Research, articles in advance

8. **Degeneracy is OK: Logarithmic Regret for Network Revenue Management with Indiscrete Distributions** with Jiashuo Jiang, Jiawei Zhang

   Operations Research, 2025

9. **Improved Guarantees for Offline Stochastic Matching via new Ordered Contention Resolution Schemes** with Brian Brubach, Nathaniel Grammel, Aravind Srinivasan

   Mathematics of Operations Research, articles in advance

10. **Leveraging the degree of Dynamic Substitution in Assortment and Inventory Planning** with Jingwei Zhang, Huseyin Topaloglu

    Operations Research (Technical Note), 2025

11. **On (Random-order) Online Contention Resolution Schemes for the Matching Polytope of (Bipartite) Graphs** with Calum MacRury, Nathaniel Grammel

    Operations Research, 2025

12. **Tight Guarantees for Multi-unit Prophet Inequalities and Online Stochastic Knapsack** with Jiashuo Jiang, Jiawei Zhang

    Operations Research, 2025

    *Jiashuo Jiang was a Finalist in the George E. Nicholson Student Paper Competition, 2022

    *Jiashuo Jiang was a Finalist for the Jeff McGill Student Paper Award for Revenue Management and Pricing, 2021

13. **Online Matching Frameworks under Stochastic Rewards, Product Ranking, and Unknown Patience** with Brian Brubach, Nathaniel Grammel, Aravind Srinivasan

    Operations Research, 2025

14. **Order Selection Problems in Hiring Pipelines** with Boris Epstein

    Operations Research, 2024

15. **Optimizing for Strategy Diversity in the Design of Video Games** with Oussama Hanguir, Jiangze Han, Christopher Thomas Ryan

    Mathematical Programming, 2024

16. **Assortment Planning for Recommendations at Checkout under Inventory Constraints** with Xi Chen, David Simchi-Levi, Linwei Xin

    Mathematics of Operations Research, 2024

    *1st Place, Chinese Scholars Association for Management Science and Engineering (CSAMSE) Best Paper Award sponsored by Columbia Business School, 2017

    *covered in Chicago Booth Review, 2018

17. **Tight Guarantees for Static Threshold Policies in the Prophet Secretary Problem** with Nick Arnosti

    Operations Research, 2023

18. **Order-optimal Correlated Rounding for Fulfilling Multi-item E-commerce Orders**

    Manufacturing & Service Operations Management, 2023

    *accepted for presentation at Applied and Computational Discrete Algorithms (ACDA), 2023

    *invited for presentation in Online Algorithms & Online Rounding workshop at FOCS 2023

    *selected for presentation in the MSOM Supply Chain Management SIG, 2022

19. **When is Assortment Optimization Optimal?**

    Management Science, 2023

    *2nd Place, Rothkopf Junior Researcher Paper Prize for Auctions and Market Design, 2021

    *selected for spotlight presentation in the INFORMS Revenue Management and Pricing Conference, 2022

    *selected for presentation in the MSOM Service SIG, 2021

20. **Fairness Maximization among Offline Agents in Online-Matching Markets** with Pan Xu, Yifan Xu

    ACM Transactions on Economics and Computation (TEAC), 2023

21. **Revenue-Optimal Deterministic Auctions for Multiple Buyers with Ordinal Preferences over Fixed-Price Items**

    ACM Transactions on Economics and Computation (TEAC) (invited submission), 2022

22. **Bifurcating Constraints to Improve Approximation Ratios for Network Revenue Management with Reusable Resources** with Jackie Baek

    Operations Research (Technical Note), 2022

23. **Distributionally Robust Linear and Discrete Optimization with Marginals** with Louis Chen, Karthik Natarajan, David Simchi-Levi, Zhenzhen Yan

    Operations Research, 2022

24. **Inventory Balancing with Online Learning** with Wang Chi Cheung, David Simchi-Levi, Xinshang Wang

    Management Science, 2022

25. **Dynamic Pricing (and Assortment) under a Static Calendar** with David Simchi-Levi, Jinglong Zhao

    Management Science, 2021

26. **On Policies for Single-leg Revenue Management with Limited Demand Information** with David Simchi-Levi, Chung-Piaw Teo

    Operations Research, 2021

27. **Algorithms for Online Matching, Assortment, and Pricing with Tight Weight-dependent Competitive Ratios** with David Simchi-Levi

    Operations Research, 2020

    *Finalist, George E. Nicholson Student Paper Competition, 2017

28. **Separation between Second Price Auctions with Personalized Reserves and the Revenue Optimal Auction** with Balasubramanian Sivan

    Operations Research Letters, 2020

29. **Strong Mixed-Integer Programming Formulations for Trained Neural Networks** with Ross Anderson, Joey Huchette, Christian Tjandraatmadja, Juan Pablo Vielma

    Mathematical Programming, 2020

30. **Improvements and Generalizations of Stochastic Knapsack and Markovian Bandits Approximation Algorithms**

    Mathematics of Operations Research, 2018

    *2nd place, INFORMS Optimization Society Student Paper Competition, 2017

31. **Packing and Covering Triangles in Planar Graphs** with Qing Cui, Penny Haxell

    Graphs and Combinatorics, 2009

Working Papers/Under Revision

1. **Experimental Assortments for Choice Estimation and Nest Identification** with Xintong Yu, Michael Zhao

2. **Personalized Promotions in Practice: Dynamic Allocation and Reference Effects** with Jackie Baek, Dmitry Mitrofanov

3. **DeepStock: Reinforcement Learning with Policy Regularizations for Inventory Management** with Yaqi Xie, Xinru Hao, Jiaxi Liu, Linwei Xin, Lei Cao, Yidong Zhang

    *finalist for the Daniel H. Wagner Prize for Excellence in the Practice of Advanced Analytics and Operations Research, INFORMS 2025

4. **VC Theory for Inventory Policies** with Yaqi Xie, Linwei Xin

    Major Revision in *Management Science*

    *Yaqi Xie was a finalist for the Applied Probability Society (APS) Student Paper Competition, INFORMS 2025

    *selected for presentation in the MSOM Supply Chain Management SIG, 2024

5. **Online Contention Resolution Schemes for Network Revenue Management and Combinatorial Auctions** with Calum MacRury, Jingwei Zhang

    Major Revision in *Operations Research*

6. **Potential-Based Greedy Matching for Dynamic Delivery Pooling** with Hongyao Ma, Matias Romero

   *finalist in TSL Data-Driven Research Challenge, INFORMS 2025

7. **A Nonparametric Framework for Online Stochastic Matching with Correlated Arrivals** with Ali Aouad

   Major Revision in *Management Science*

8. **Optimizing Inventory Placement for a Downstream Online Matching Problem** with Boris Epstein

   Minor Revision in *Manufacturing & Service Operations Management*

   *Boris Epstein was a Finalist in the George E. Nicholson Student Paper Competition, 2024

9. **Real-Time Personalized Order Holding** with Mohammad Reza Aminian, Linwei Xin

   Major Revision in *Management Science*

   *covered in Chicago Booth Review, 2024

10. **Online Bipartite Matching with Advice: Tight Robustness-Consistency Tradeoffs for the Two-Stage Model** with Billy Jin

    Minor Revision in *Management Science*

    *Billy Jin was Winner of Student Paper Prize of INFORMS Decision Analysis Society, 2023

11. **Online Matching and Contention Resolution for Edge Arrivals with Vanishing Probabilities** with Calum MacRury, Pranav Nuti

    Minor Revision in *Operations Research*

12. **Random-order Contention Resolution via Continuous Induction: Tightness for Bipartite Matching under Vertex Arrivals** with Calum MacRury

    Minor Revision in *Mathematics of Operations Research*

13. **Multi-Stage and Multi-Customer Assortment Optimization With Inventory Constraints** with Elaheh Fata, David Simchi-Levi

Conference Papers

1. **Online Contention Resolution Schemes for Network Revenue Management and Combinatorial Auctions** with Calum MacRury, Jingwei Zhang

   Innovations in Theoretical Computer Science (ITCS), 2026

2. **Potential-Based Greedy Matching for Dynamic Delivery Pooling** with Hongyao Ma, Matias Romero

   Web and Internet Economics (WINE), 2025

3. **Forward-backward Contention Resolution Schemes for Fair Rationing** with Calum MacRury, Cliff Stein

   Economics and Computation (EC), 2025

4. **Sample Complexity of Posted Pricing for a Single Item** with Billy Jin, Thomas Kesselheim, Sahil Singla

   Neural Information Processing Systems (NeurIPS), 2024 (Spotlight)

5. **Fair Secretaries with Unfair Predictions** with Eric Balkanski, Andreas Maggiori
   Neural Information Processing Systems (NeurIPS), 2024
6. **Promoting Fairness Among Dynamic Agents in Online-Matching Markets under Known Stationary Arrival Distributions** with Pan Xu
   Neural Information Processing Systems (NeurIPS), 2024
7. **Online Matching and Contention Resolution for Edge Arrivals with Vanishing Probabilities** with Calum MacRury, Pranav Nuti
   Economics and Computation (EC), 2024
8. **Random-order Contention Resolution via Continuous Induction: Tightness for Bipartite Matching under Vertex Arrivals** with Calum MacRury
   Symposium on Theory of Computing (STOC), 2024
9. **Tightness without Counterexamples: A New Approach and New Results for Prophet Inequalities** with Jiashuo Jiang, Jiawei Zhang
   Economics and Computation (EC), 2023
10. **A Nonparametric Framework for Online Stochastic Matching with Correlated Arrivals** with Ali Aouad
    Economics and Computation (EC), 2023
11. **Order-optimal Correlated Rounding for Fulfilling Multi-item E-commerce Orders**
    Economics and Computation (EC), 2023
12. **Optimizing for Strategy Diversity in the Design of Video Games** with Oussama Hanguir, Christopher Thomas Ryan
    Integer Programming and Combinatorial Optimization (IPCO), 2023
13. **On (Random-order) Online Contention Resolution Schemes for the Matching Polytope of (Bipartite) Graphs** with Calum MacRury, Nathaniel Grammel
    Symposium on Discrete Algorithms (SODA), 2023
14. **Order Selection Problems in Hiring Pipelines** with Boris Epstein
    Web and Internet Economics (WINE), 2022
15. **Constructing Demand Curves from a Single Observation of Bundle Sales** with David Simchi-Levi
    Web and Internet Economics (WINE), 2022
16. **Beyond IID: Data-Driven Decision-Making in Heterogeneous Environments** with Omar Besbes, Omar Mouchtaki
    Neural Information Processing Systems (NeurIPS), 2022
17. **Online Bipartite Matching with Advice: Tight Robustness-Consistency Tradeoffs for the Two-Stage Model** with Billy Jin
    Neural Information Processing Systems (NeurIPS), 2022
18. **Tight Guarantees for Static Threshold Policies in the Prophet Secretary Problem** with Nick Arnosti
    Economics and Computation (EC), 2022

19. **When is Assortment Optimization Optimal?**
    Economics and Computation (EC), 2022
20. **Group-level Fairness Maximization in Online Bipartite Matching** with Pan Xu, Yifan Xu
    Autonomous Agents and Multi-Agent Systems (AAMAS), 2022
21. **Tight Guarantees for Multi-unit Prophet Inequalities and Online Stochastic Knapsack** with Jiashuo Jiang, Jiawei Zhang
    Symposium on Discrete Algorithms (SODA), 2022
22. **Fairness Maximization among Offline Agents in Online-Matching Markets** with Pan Xu, Yifan Xu
    Web and Internet Economics (WINE), 2021
23. **Improved Guarantees for Offline Stochastic Matching via new Ordered Contention Resolution Schemes** with Brian Brubach, Nathaniel Grammel, Aravind Srinivasan
    Neural Information Processing Systems (NeurIPS), 2021
24. **Follow Your Star: New Frameworks for Online Stochastic Matching with Known and Unknown Patience** with Brian Brubach, Nathaniel Grammel, Aravind Srinivasan
    Artificial Intelligence and Statistics (AISTATS), 2021
25. **Reaping the Benefits of Bundling under High Production Costs** with David Simchi-Levi
    Artificial Intelligence and Statistics (AISTATS), 2021
26. **Revenue-Optimal Deterministic Auctions for Multiple Buyers with Ordinal Preferences over Fixed-Price Items**
    Web and Internet Economics (WINE), 2020
27. **The Convex Relaxation Barrier, Revisited: Tightened Single-Neuron Relaxations for Neural Network Verification** with Christian Tjandraatmadja, Ross Anderson, Joey Huchette, Krunal Patel, Juan Pablo Vielma
    Neural Information Processing Systems (NeurIPS), 2020
28. **Distributionally Robust Max Flows** with Louis Chen, Jim Orlin, David Simchi-Levi
    Symposium on Simplicity in Algorithms (SOSA), 2020
29. **Tight Weight-dependent Competitive Ratios for Online Edge-weighted Bipartite Matching and Beyond** with David Simchi-Levi
    Economics and Computation (EC), 2019
30. **Improvements and Generalizations of Stochastic Knapsack and Markovian Bandits Approximation Algorithms**
    Symposium on Discrete Algorithms (SODA), 2014
31. **A Geometric Approach to Combinatorial Fixed-point Theorems** with Elyot Grant
    European Conference on Combinatorics, Graph Theory and Applications (EUROCOMB), 2013
32. **The Approximability and Integrality Gap of Interval Stabbing and Independence Problems** with Shalev Ben-David, Elyot Grant, Malcolm Sharpe
    Canadian Conference on Computational Geometry (CCCG), 2012

Book Chapters

1. **Randomized Rounding Approaches to Online Allocation, Sequencing, and Matching**
   INFORMS Tutorials, 2024
2. **Assortment Optimization: An Annotated Reading Assortment**
   ACM SIGecom Exchanges, 2024

Teaching Cases

1. **Temu: Slow and Cheap Wins the Race**
   Columbia CaseWorks, 2025
2. **Ventilator Rationing during the Covid-19 Pandemic**
   Columbia CaseWorks, 2020
   *Finalist, Informs Case Competition, 2020

Course Notes

1. **10 Lectures on Online and Data-driven Algorithms**
   based on my PhD course B9136 at Columbia

Grants

Columbia-Dream Sports AI Innovation Center, "**Dynamic State Dependent Catalog Optimization Approach for Contest Generation**", joint with Vineet Goyal
Amount: $122,502

Columbia Center of AI Technology (CAIT) in collaboration with *Amazon*, "**Joint Selection and Inventory Optimization under Limited Capacity**", joint with Huseyin Topaloglu
Amount: $150,000; Duration: January 2022–June 2023

Teaching

Columbia:

2025 Fall	B8108 Supply Chain Analytics (MSE)
2025 Fall-A	B8109 Supply Chain Management (MBA)
2025 Summer-half-block	B8109 Supply Chain Management (MBA)
2025 Spring	B9136 Analysis of Algorithms in Operations Research (PhD)
2024 Fall-A	B8109 Supply Chain Management (MBA)
2024 Summer-block	B8109 Revenue and Supply Chain Management (MBA)
2024 Spring	B8109 Supply Chain Management (MBA)
2023 Spring	B9136 Topics in Revenue and Supply Chain Management (PhD)
2023 Spring	B8109 Supply Chain Management (MBA)
2022 Spring	B8108 Supply Chain Management (MBA)
2021 Spring	B9136 Topics in Revenue and Supply Chain Management (PhD)
2021 Spring	B8108 Supply Chain Management (MBA)

2020 Spring	B8108 Supply Chain Management (MBA)

MIT:

2017 Spring	15.762/15.763 Supply Chain Management, co-instructor
2016 Winter	15.S50 Special Seminar in Management
2013 Winter	15.S50 Special Seminar in Management
2012 Winter	15.S50 Special Seminar in Management

Special Seminar in Management: This is a course I designed based on my experience as a former professional poker player. It consists of eight 90-minute lectures and two problem sets, which grant a 1/4-credit at MIT. I use the game of poker to illustrate concepts in probability and statistics, and more generally, as a framework within which to think about difficult decisions, uncertainty, risk, and a good outcome vs. a good decision. This has now become a yearly course at MIT, and has been placed onto MIT OpenCourseWare. Furthermore, I have been invited to give the introductory lecture from this course, "The Joy of Making Good Decisions", at various venues, including *Google New York*, *Riot Games*, the *MIT Entrepreneurship Center*, and the *MIT Master of Finance* program.

Academic Mentorship

Current:

1. **Jiangze Han**, postdoc at Columbia CAIT funded by Dream11 (co-mentor, with Vineet Goyal)
2. **Wenxin Zhang**, PhD student at Columbia DRO (co-advisor, with Santiago Balseiro)
3. **Yaqi Xie**, PhD student at Chicago Booth OM (co-advisor, with Linwei Xin)
4. **Matias Romero**, PhD student at Columbia DRO (co-advisor, with Hongyao Ma)
5. **Xintong Yu**, PhD student at Columbia DRO (advisor)

Past:

1. **Calum MacRury**, 2023-25 postdoc at Columbia DRO (mentor)
   First position: Assistant Professor at Georgia Tech ISyE
2. **Nathaniel Grammel**, 2025 PhD from Maryland CS
   First position: Visiting Assistant Professor at Swarthmore CS
3. **Andreas Maggiori**, 2023-25 postdoc at Columbia DSI (co-mentor, with Eric Balkanski)
   First position: Google
4. **Boris Epstein**, 2025 PhD from Columbia DRO (advisor)
   First position: Meta
5. **Omar Mouchtaki**, 2024 PhD from Columbia DRO (co-advisor, with Omar Besbes)
   First position: Assistant Professor at NYU Stern OM
6. **Billy Jin**, 2024 PhD from Cornell ORIE
   First position: Assistant Professor at Purdue Daniels School of Business
7. **Jingwei Zhang**, 2022-23 postdoc at Columbia CAIT funded by Amazon (co-mentor, with Huseyin Topaloglu)

8. **Jiashuo Jiang**, 2022 PhD from NYU Stern OM (co-advisor, with Jiawei Zhang)
   First position: Assistant Professor at HKUST IEDA

Thesis committee member: Akshit Kumar (Columbia DRO Ph.D. 2025), Jerry Anunrojwong (Columbia DRO Ph.D. 2025), Hao-Ting Wei (Columbia IEOR Ph.D. 2024), Shawn Xia (Columbia DRO Ph.D. 2024), Harsh Sheth (Columbia IEOR Ph.D. 2023), Noemie Perivier (Columbia IEOR Ph.D. 2023), Judy Gan (Columbia DRO Ph.D. 2023), Oussama Hanguir (Columbia IEOR Ph.D. 2022), Xingyu Zhang (Columbia IEOR Ph.D. 2021)

Other Professional Activities

Board Member for INFORMS Revenue Management & Pricing (RMP) section

Associate Editor for journals: Operations Research, Management Science

Reviewer for journals: Operations Research (winner of *Meritorious Service Award, 2024*), Management Science, Mathematics of Operations Research, Manufacturing & Service Operations Management, Mathematical Programming (winner of *Meritorious Service Award, 2024*), Transportation Science, INFORMS Journal on Computing, Production and Operations Management, Naval Research Logistics, Journal of the Operational Research Society, SIAM Journal on Computing, SIAM Journal on Discrete Mathematics, Algorithmica, ACM Transactions on Economics and Computation, Theory of Computing

Program Committee for conferences: EC 2026 (track chair), WINE 2025 (senior), EC 2025 (senior), EC 2024 (senior), WINE 2023 (senior), EC 2023, WINE 2022, EC 2022, WINE 2021, EC 2021

Reviewer for conferences: STOC 2025, ICALP 2024, STOC 2024, SODA 2024, NeurIPS 2023, ESA 2023, STOC 2023, IPCO 2023, ITCS 2022, NeurIPS 2022, ESA 2022, SODA 2021, SODA 2020, SODA 2018

Co-organizer of conferences: RMP section conference 2025, NYC Ops Day 2024, NYC Ops Day 2023, RMP cluster chair at INFORMS 2022

Co-organizer of IEOR-DRO seminar series at Columbia, 2021 – 2026

Organizer of DSL seminar series at MIT, 2016 – 2018

Visiting Scholar, hosted by Prof. Chung-Piaw Teo of the Department of Analytics & Operations in NUS Business School, January 2017

Invited Talks

2025 Dagstuhl workshop on Online Algorithms beyond Competitive Analysis
HEC Paris ISOM group seminar
INSEAD TOM area seminar
Cornell ORIE seminar series
Cornell Tech seminar series
Northwestern Kellogg, Operations Management seminar
Chicago Booth, Operations Management seminar
CBS Meet your Neighbor seminar
Michigan Ross, Technology and Operations seminar
UPenn Wharton, Operations Management seminar
CMU Tepper, school-wide seminar
Columbia DRO Brown Bag seminar

2024 Rice Business School, Operations Management seminar
Duke Fuqua, Decision Sciences seminar
CMU Tepper, Operations Research seminar
Baruch, Operations Management seminar
University of Science and Technology of China, Digital Intelligence Supply Chain seminar
Rutgers CS Theory lunch
INFORMS tutorial on Randomized Rounding
Banff workshop on New Directions in Machine Learning Theory
TTIC workshop on Data-Driven Decision Processes: From Theory to Practice
Tsinghua SEM, Management Science and Engineering seminar
CUHK, DOT-SEEM seminar
HKUST, joint IE/OM seminar
HKU, seminar jointly hosted by Business School's IIM and Department of Computer Science
Shanghai University of Finance and Economics, ITCS seminar
CUHK-Shenzhen, School of Data Science colloquium series
University of Tokyo, seminar for research group of Yasushi Kawase
Stanford University, RAIN (Research on Algorithms and Incentives in Networks) seminar
Banff workshop on Combinatorial Optimization for Online Platforms
Simons Institute reunion workshop for Data-driven Decision Processes program

2023 Online Algorithms & Online Rounding workshop at FOCS
Cornell ORIE seminar series
Cornell Johnson, OTIM seminar

2022 Columbia DRO Brown Bag seminar
Tiger Analytics academic seminar
Simons Institute weekly seminar for Data-driven Decision Processes program
Berkeley IEOR weekly seminar
3rd Workshop on Information and Learning, IESE Barcelona
MIT Operations Research seminar series
UIUC ISE weekly seminar

2021 University of Maryland, Theory CS group CATS seminar
HKUST Business School, ISOM seminar
2nd Workshop on Information and Learning, virtual
NYU Stern, Operations Management seminar
Stanford Business School, OIT seminar

2020 CBS PFS No Free Lunch seminar
Columbia DRO Brown Bag seminar
UMD Smith
USC Marshall

2019 NJIT Tuchman
Cornell Tech
DSL seminar, MIT
1st Workshop on Information and Learning, IESE Barcelona
Core Data Science, Facebook Research
Algorithms Seminar, Google Research NYC

2018 Duke Fuqua, Operations Management
Columbia IEOR-DRO seminar
Harvard Kennedy School, Quantitative Analysis
WUSTL Olin, Operations and Manufacturing Management
Georgia Tech ISyE
CMU Tepper, Operations Research
UW Foster, Operations Management
UCLA Anderson, Decisions, Operations, and Technology Management
Chicago Booth, Operations Management

2017 UVA Darden, Quantitative Analysis
INSEAD, Technology and Operations Management
Northwestern Kellogg, Operations Management
Dartmouth Tuck, Operations and Management Science
MIT Sloan, Operations Management seminar
Stanford Market Innovation Workshop
Princeton ORFE
NYU Stern, Operations Management seminar
NUS Business School, Analytics & Operations seminar
SUTD Engineering Systems and Design seminar

2016 Cornell ORIE Ph.D. Student Workshop

Outside Activities

Columbia Business School requires faculty members to disclose any activities that might present a real or apparent conflict of interest. I consult at Percepta.ai.