

Minghong Xu

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-----Education-----

University of Illinois at Chicago Chicago, IL 8/2014-8/2018
Ph.D. in Management Information Systems GPA:4.0/4.0

Coursework: Big Data Analytics, Machine Learning, Supply Chain Management, Social Network Analysis, Dynamic Programming, Mathematical Statistics, Econometrics, Optimization Techniques, Heuristic Search, Financial Asset Pricing

Advisor: Prof. Sid Bhattacharyya

Columbia University New York, NY 8/2007-6/2009
M.S. in Operations Research GPA:3.73/4.0

Concentration: Revenue and Risk Management

Coursework: Quantitative Risk Management, Dynamic Pricing/Revenue Management

University College Dublin Dublin, Ireland & **Fudan University** Shanghai, China 9/2002-6/2006
B.S. in Computer Science & B.Eng. in Software Engineering

Coursework: Project Management, Data Structure and Algorithm, Database Design

-----Experience-----

The Johns Hopkins Carey Business School 8/2018-present

Assistant Professor in Information Systems

- Instructed graduate level business courses in Information Systems and IT consulting
- Achieved an overall teaching quality evaluation of 4.5/5
- Lead in course design of Large Scale Computing and Deep Learning

University of Illinois, Information and Decision Sciences Department Chicago, IL 8/2014-12/2017

Instructor and Teaching Assistant

- Instructed various graduate and undergraduate level business courses
- Achieved an overall teaching effectiveness of 4.57/5
- Lead 10 groups of graduate students per semester on system design and analysis projects

University of Iowa, Department of Management Science Iowa City, IA 1/2013-6/2014

Instructor

- Instructed 4 sessions of 120 undergraduate students per semester
- Awarded Teaching Excellence in Management Sciences on course Operations Management
- Lead discussion sessions using business cases and decision models

-----Courses Taught-----

Information Systems

Business Analysis using Spreadsheet

Operations Management

Analytics for Big Data

Supply Chain Management

Advanced Predictive Models and Applications for Business Analytics

Advanced Database Management

System Analysis Design Project

-----Research and Publications-----

Research Interests: Data Analytics, Data Mining, Network Analysis, Dynamic Pricing, Supply Chain Management

Inferring Brand Knowledge from Online Associative Brand Network. 2017. Xu, M. and Bhattacharyya, S.

Presented at *The Thirty-Second AAAI Conference on Artificial Intelligence, New Orleans LA.*

Presented at *2018 AMA Winter Academic Conference, New Orleans LA.*

Available in *Proceedings of AAAI-18.*

Taste Transitivity for Collaborative Filtering. 2016. Xu, M. and Bhattacharyya, S.

Available soon at *Decision Science Journal, Data Mining and Decision Analytics Special Issue*

Presented at *INFORMS 2016 Workshop on Data Mining and Decision Analytics, Nashville TN.*

Statistical Inferences on Generative Process of Various Recommendation Networks. 2017. Xu, M. and Bhattacharyya, S.

Working Paper.

Dynamic Pricing in E-Commerce Setting. 2016. Xu, M. and Bhattacharyya, S.

Presented at *INFORMS 2016 Conference on Information Systems and Technology, Nashville TN.*

Practitioners' High Level Inventory Network Modeling Approaches. 2015. Miller, T., De Matta, R. and Xu, M.

Handbook of Research on Global Supply Chain Management (2015): 15.

Product Pricing and Revenue Optimization in Media Industry. 2008. Xu, M.

Realized dynamic pricing based on inventory level over sales horizon, incorporated customer choice model

-----Skills-----

R, Python, Hadoop, JAVA, SQL, VBA/Excel, SAS, Stata, MATLAB, Visio, Oracle, C++