

# Kan Xu

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## Employment

**W. P. Carey School of Business, Arizona State University**  
Assistant Professor of Information Systems  
Instructor

Tempe, AZ  
2024-  
2023-2024

## Education

**University of Pennsylvania**  
Ph.D. in Economics

Philadelphia, PA  
2018-2023

**University of Chicago**  
M.S. in Statistics

Chicago, IL  
2015-2017

**Tsinghua University**  
B.S. in Mathematics  
B.A. in Economics

Beijing, China  
2011-2015  
2013-2015

## Working Papers

**Multitask Learning and Bandits via Robust Statistics**

(with Hamsa Bastani)

Major Revision, **Management Science**

- *3rd Place*, IBM Service Science Best Student Paper Award (2022)

**Group-Sparse Matrix Factorization for Transfer Learning of Word Embeddings**

(with Xuanyi Zhao, Hamsa Bastani and Osbert Bastani)

Major Revision, **Management Science**

- Preliminary version in **ICML**, 2021

**Safely Bridging Offline and Online Reinforcement Learning**

(with Wanqiao Xu, Jason Yecheng Ma, Hamsa Bastani and Osbert Bastani)

- Preliminary version in **AISTATS**, 2023

**Two-Stage Maximum Score Estimator**

(with Wayne Gao, Sheng Xu)

**Stochastic Bandits with ReLU Neural Networks**

(with Hamsa Bastani, Surbhi Goel, Osbert Bastani)

## Refereed Conference Papers

**Uniformly Conservative Exploration in Reinforcement Learning**

(with Wanqiao Xu, Jason Yecheng Ma, Hamsa Bastani and Osbert Bastani)

**International Conference on Artificial Intelligence and Statistics (AISTATS), 2023**

**Group-Sparse Matrix Factorization for Transfer Learning of Word Embeddings**

(with Xuanyi Zhao, Hamsa Bastani and Osbert Bastani)

**International Conference on Machine Learning (ICML), 2021**

## Awards and Honors

3rd Place, IBM Service Science Best Student Paper Award

2022

Xingmei Zhang & Yongge Dai Fellowship

2020-2021, 2022-2023

## Invited Talks

**2023** CUHK Business School DSME; UTD Jindal OM; ASU Carey IS; Fudan School of Management IS; CAS IGSNRR;

**2022** UC Davis GSM; Cornell Johnson OTIM; JHU Carey OM;

## Teaching Experience

**The Wharton School, University of Pennsylvania**

Teaching Assistant, OIDD 612 Business Analytics (MBA) 2021

**University of Pennsylvania**

Teaching Assistant, ECON 705 Econometrics I (PhD) 2020

## Service

Reviewer for Management Science, Operations Research, AISTATS

Session Chair, INFORMS Annual Meeting 2022 –

## Professional Experience

**Moelis & Company**

Data Science Intern New York, NY

Summer 2020

**University of Chicago, Department of Economics**

Research Specialist Chicago, IL

2017-2018