

# Kan Xu

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## Employment

<b>Arizona State University, W. P. Carey School of Business</b>	Tempe, AZ
Assistant Professor	2024 –
Instructor	2023 – 2024

## Education

<b>University of Pennsylvania</b>	Philadelphia, PA
Ph.D. in Economics	2018 – 2023
<b>University of Chicago</b>	Chicago, IL
M.S. in Statistics	2015 – 2017
<b>Tsinghua University</b>	Beijing, China
B.S. in Mathematics	2011 – 2015
B.A. in Economics	2013 – 2015

## Working Papers

**Learning Across Bandits in High Dimension 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)

## Work in Progress

**Bandits with ReLU Neural Networks**

(with Hamsa Bastani, Osbert Bastani, Surbhi Goel)

## Publications

**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

## Talks

**2023** CUHK Business School DSME, UTD Jindal OM, ASU Carey IS, Fudan School of Management IS

**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
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**University of Pennsylvania**

Teaching Assistant, ECON 705 Econometrics I (PhD)	2020
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## Service

Reviewer for Management Science, Operations Research, AISTATS

Session Chair, INFORMS Annual Meeting	2022
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## Professional Experience

**Moelis & Company**

Data Science Intern

New York, NY

Summer 2020

**University of Chicago, Department of Economics**

Research Specialist

Chicago, IL

2017 – 2018