

Kan Xu

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Political Science and Economics
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EDUCATION

University of Pennsylvania

Ph.D. in Economics

Philadelphia, PA
2018 – 2023 (Expected)

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

Group-Sparse Matrix Factorization for Transfer Learning of Word Embeddings

(with Xuanyi Zhao, Hamsa Bastani and Osbert Bastani)

- Preliminary version in International Conference on Machine Learning (ICML), 2021

Robust Generalization of Quadratic Neural Networks via Function Identification

(with Hamsa Bastani and Osbert Bastani)

Mind the Gap: Safely Bridging Offline and Online Reinforcement Learning

(with Wanqiao Xu, Hamsa Bastani and Osbert Bastani)

PUBLICATIONS

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

INVITED TALKS

2021 MSOM

2020 INFORMS

TEACHING EXPERIENCE

University of Pennsylvania

Teaching Assistant, ECON 705 Econometrics I (PhD)

2020

AWARDS AND HONORS

Xingmei Zhang & Yongge Dai Fellowship

2020 – 2021

PROFESSIONAL EXPERIENCE

Moelis & Company

Data Science Intern

New York, NY

2020

SKILLS

Programming: Python, R, MATLAB, SQL, Bash, Git, STATA, ArcGIS

Languages: English (professional), Chinese (native)