

WANNING CHEN

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ACADEMIC POSITION

Assistant Professor, Foster School of Business, University of Washington July 2022 - present
Information Systems and Operations Management Seattle, WA

EDUCATION

Stanford University September 2016 - June 2022
Ph.D. in Business Administration (Operations, Information and Technology) Stanford, CA
Graduate School of Business
Advisor: Mohsen Bayati

Pomona College September 2012 - May 2016
Bachelor of Arts in Mathematics Claremont, CA
magna cum laude
Phi Beta Kappa
Pomona College Scholar
Thesis Advisor: Vin de Silva
Academic Advisor: Shahriar Shariari

Budapest Semesters in Mathematics Fall 2014
Study Abroad Program Budapest, Hungary

RESEARCH INTERESTS

Learning and decision-making in high-dimensional statistics; Matrix-shaped data; Sequential decision-making; Synthetic control; Experimental design; Causal inference

WORKING PAPERS

1. **Chen, W.**, Bayati, M. (2021). Learning to Recommend Using Non-Uniform Data. In preparation for submission. Targeted at *Management Science*.
2. Bayati, M., Cao, J., **Chen, W.** (2022). Speed Up the Cold-Start Learning in Two-Sided Bandits with Many Arms. Targeted at *Management Science*.

WORK IN PROGRESS

3. **Chen, W.**, Bayati, M. (2021). Synthetic Control with Non-Uniform Panel Data.
4. **Chen, W.**, Bayati, M. (2021). Direct Decision Making via Sampling.

PRESENTATIONS

Speed Up the Cold-Start Learning in Two-Sided Bandits with Many Arms

- INFORMS Revenue Management and Pricing Section Conference 2022 Virtual
- Marketplace Innovation Workshop (poster session) 2022 Virtual

Learning to Recommend Using Non-Uniform Data

- INFORMS Annual Meeting 2021 Anaheim, CA
- Cornell ORIE Young Researchers Workshop (poster session) 2021 Ithaca, NY
- Manufacturing and Service Operations Management Conference 2021 Virtual
- Canadian Operational Research Society Annual Conference 2021 Virtual
- INFORMS Annual Meeting 2020 Virtual

TEACHING EXPERIENCE

Graduate School of Business, Stanford University

Business Intelligence from Big Data (OIT 367, MBA Core)

Fall 2019, Fall 2020

Teaching assistant

Data, Learning, and Decision-Making (OIT 604, PhD Course)

Winter 2019, Winter 2020

Teaching assistant

Mathematics Department, Pomona College

Linear Algebra, Probability, Number Theory and Cryptography, Deterministic Operations Research

Teaching assistant

AWARDS AND FELLOWSHIPS

The Wells Family Fellowship	2021
The Kevin T. Callaghan Fellowship	2020
The Lee Chang Yung GSB Fellowship	2019
The Kiam Family Fellowship	2018
Froland Family Fellowship	2017
Robert H. Litzenberger PhD Fellowship	2016
EDGE Fellowship	2016
Pomona Award and Prize for Math Majors	2013

SKILLS

Programming skills:

Python, R, MATLAB, C++, SQL Server, LaTeX

Languages:

English (fluent), Mandarin Chinese (native).

Extracurriculars:

Piano, Rock Climbing, Tennis, Photography. I also love reading books, studying music theory and music history, participating in puzzle games and organizing my space. I went to Vienna, Austria for a music history & performance summer program in 2016 and had great fun there.