

Bing Bai

CONTACT INFORMATION

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RESEARCH INTERESTS

Online Platforms; Human-algorithm Connection; Field Experiments; Structural Estimation; Machine Learning.

EDUCATION

Olin Business School, Washington University in St. Louis

- Ph.D. Candidate in Supply Chain, Operations, and Technology 2017–2023
- Advisor: Dennis J. Zhang, Fuqiang Zhang

Tsinghua University

- B.S. in Mathematics and Physics 2013–2017
- Minor in Finance

PUBLISHED PAPER

1. Bing Bai, Hengchen Dai, Dennis J. Zhang and Fuqiang Zhang (2022). The Impacts of Algorithmic Work Assignment on Fairness Perceptions and Productivity: Evidence from Field Experiments. **Manufacturing & Service Operations Management**. [\[Link\]](#)

WORKING PAPERS

2. Bing Bai, Tat Y. Chan, Dennis J. Zhang, Fuqiang Zhang, Yujie Chen and Haoyuan Hu. The Value of Logistic Flexibility in E-commerce, Major revision at **Management Science**.
3. Bing Bai, Tat Y. Chan, Dennis J. Zhang and Fuqiang Zhang. Motivating E-commerce Sustainability: Structural Estimation From a Package Recycling Program. *Work in Progress*.
4. Bing Bai, Nick Clyde and Dennis J. Zhang. Ridesharing Platforms Impact on Healthcare Access. *Work in Progress*.

HONORS AND AWARDS

- Honorable Mention, CBOM Junior Scholar Paper Competition, 2020
- Second Place, CSAMSE Best Paper Award Competition, 2021
- Third Place, Wharton People Analytics White Paper Competition, 2021
- One of the best accepted papers, Academy of Management Annual Meeting program, 2021
- Moog Scholar Award, Olin Business School, 2021
- Finalist, CBOM Junior Scholar Paper Competition, 2020

PROFESSIONAL SERVICES

- Referee for Management Science
- Judge for TIE & iFORM SIG of MSOM, 2023
- Session chair for INFORMS Annual Meeting, 2021-2023
- Session chair for POMS Annual Conference, 2022, 2023
- Session chair for ISMS Marketing Science Conference, 2022

TEACHING
EXPERIENCE

Teaching Assistant

- PhD Core: AI & Machine Learning for Business Applications 2022 Fall
- EMBA Core: Data Analytics and Decisions 2022 Spring
- Master Core: Introduction to Python and Data Science 2021 Fall, 2020 Fall, 2019 Fall
- Undergraduate Core: Data Analytics in Python 2021 Fall, 2020 Fall
- EMBA Core: Data-Driven Decision Making for Executives 2021 Fall

CONFERENCE
PRESENTATIONS

“The Value of Logistic Flexibility in E-commerce”

- POMS Annual Meeting, Orlando, FL 2023
- INFORMS Annual Meeting, Indianapolis, IN 2022
- AOM Annual Meeting, Seattle, WA 2022
- POMS International Meeting, Virtual Conference 2022
- ISMS Marketing Science Conference, Virtual Conference 2022
- POMS Annual Meeting, Virtual Conference 2022
- INFORMS Annual Meeting, Anaheim, CA 2021
- INFORMS Annual Meeting, Virtual Conference 2020

“The Impacts of Algorithmic Work Assignment on Fairness Perceptions and Productivity: Evidence from Field Experiments”

- POMS Annual Meeting, Orlando, FL 2023
- INFORMS Annual Meeting, Indianapolis, IN 2022
- POMS Annual Meeting, Virtual Conference 2022
- Psychology of Technology Conference, Santa Barbara, CA 2021
- INFORMS Annual Meeting, Anaheim, CA 2021
- Annual Meeting of the Academy of Management, Virtual Conference 2021
- International Annual Conference of CSAMSE, Virtual Conference 2021
- MSOM SCM SIG Conference, Virtual Conference 2021
- POMS Annual Conference, Virtual Conference 2021
- INFORMS Annual Meeting, Virtual Conference 2020

INDUSTRY
EXPERIENCE

Research Intern, Alibaba Group

2019–present

Consulting Project Lead

- Bunge (2020 Fall), Bayer (2020 Summer, 2019 Spring), Anheuser-Busch InBev (2020 Spring), Emerson (2019 Fall), TricorBraun (2018 Fall)

SKILLS

Programming Languages: Python, R, SQL, Matlab, C/C++, VBA, HTML, Mathematica, \LaTeX .

Software and Tools: Python IDE (Spyder), R Studio, MySQL workbench, High performance computing system

REFERENCES

Professor Tat Y. Chan

Marketing
Olin Business School
Washington University in St. Louis
St. Louis, MO, USA
E-mail: chan@wustl.edu

Professor Dennis J. Zhang

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