

Daniel Chen

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Academic Position

Carroll School of Management, Boston College

Assistant Professor of Business Analytics

2024–Present

Education

The Wharton School, University of Pennsylvania

Ph.D. in Operations Management

2019–2024

University of Southern California

M.S. in Mathematical Finance

2018–2019

B.S. in Economics/Mathematics, *summa cum laude*

2015–2019

Research Interests

Operations Strategy, Online Platforms, Gig Economy, Networks, Human-AI Interaction

Research

Papers Under Review/Revision

1. Measuring Strategic Behavior by Gig Economy Workers: Multihoming and Repositioning, with Gad Allon and Ken Moon.

• Finalist, 2023 INFORMS Behavioral Operations Management Best Working Paper Award

2. Machine Learning and Prediction Errors in Causal Inference, with Gad Allon, Zhenling Jiang, and Dennis Zhang.

Working Papers

3. Algorithmic Pricing, Transparency, and Discrimination in the Gig Economy, with Gad Allon and Ken Moon.

Work in Progress

4. The Value of Network Information in Online Ratings.

Selected Awards and Grants

Mack Institute Research Fellowships (\$16,000)

2022–2024

Wharton Research Fellowships (\$5,500)

2022–2025

Finalist, INFORMS Behavioral Operations Management Best Working Paper Award

2023

Paul R. Kleindorfer Scholar Award

2023

Marjorie Weiler Prize for Excellence in Writing

2020

Wharton Doctoral Fellowship

2019–2024

Phi Beta Kappa

2018

Conference Presentations

2024, INFORMS Annual Meeting, Seattle, WA

Measuring Strategic Behavior by Gig Economy Workers: Multihoming and Repositioning

2024, INFORMS Annual Meeting, Seattle, WA

Algorithmic Pricing, Transparency, and Discrimination in the Gig Economy

2024, MSOM Conference, Minneapolis, MN

Algorithmic Pricing, Transparency, and Discrimination in the Gig Economy

2023, INFORMS Annual Meeting, Phoenix, AZ

Measuring Strategic Behavior by Gig Economy Workers: Multihoming and Repositioning

2023, INFORMS Annual Meeting, Phoenix, AZ

Algorithmic Pricing, Transparency, and Discrimination in the Gig Economy

2023, INFORMS Annual Meeting, Phoenix, AZ

Machine Learning and Prediction Errors in Causal Inference

2023, Workshop on Empirical Research in Operations Management, Philadelphia, PA

Measuring Strategic Behavior by Gig Economy Workers: Multihoming and Repositioning

2023, MSOM Conference, Montreal, Canada

Measuring Strategic Behavior by Gig Economy Workers: Multihoming and Repositioning

2023, MSOM Conference, Montreal, Canada

Algorithmic Pricing, Transparency, and Discrimination in the Gig Economy

2023, Marketplace Innovation Workshop, Online

Algorithmic Pricing, Transparency, and Discrimination in the Gig Economy

2022, INFORMS Annual Meeting, Indianapolis, IN

Measuring Strategic Behavior by Gig Economy Workers: Multihoming and Repositioning

2022, Wharton-INSEAD Doctoral Consortium, Philadelphia, PA

Machine Learning and Prediction Errors in Causal Inference

2022, MSOM Conference, Munich, DE

Measuring Strategic Behavior by Gig Economy Workers: Multihoming and Repositioning

2022, Revenue Management and Pricing Conference, Online

Measuring Strategic Behavior by Gig Economy Workers: Multihoming and Repositioning

2022, Marketing Science Conference, Online

Machine Learning and Prediction Errors in Causal Inference

2022, Marketplace Innovation Workshop, Online

Measuring Strategic Behavior by Gig Economy Workers: Multihoming and Repositioning

2021, INFORMS Annual Meeting, Anaheim, CA

Machine Learning and Prediction Errors in Causal Inference

2021, MSOM Conference, Online

Machine Learning and Prediction Errors in Causal Inference

Teaching Experience

Instructor, Carroll School of Management, Boston College

BZAN 1135: Statistical Analysis (UG Core), Spring 2025

Guest Lecturer, The Wharton School, University of Pennsylvania

WH 1508: Evaluating Evidence (UG Elective), Spring 2024

Teaching Assistant, The Wharton School, University of Pennsylvania

OIDD 615: Operations Strategy (MBA/EMBA Core), Summer 2022, Spring 2024

OIDD 636: Scaling Ventures: Aligning Operations with Strategy (EMBA Elective), Fall 2022

OIDD 101: Introduction to Operations, Information and Decisions (UG Core), Spring 2021, Spring 2022

Service

Reviewer: Management Science, Operations Research, Manufacturing & Service Operations Management, Wharton-INSEAD Doctoral Consortium, MSOM Conference, MSOM Supply Chain Management SIG, INFORMS Behavioral Operations Management Best Working Paper Competition, MSOM Student Paper Competition

Technical Skills

R, Stata, MATLAB, C++, Python, Java, Objective-C, SQL, JavaScript, Microsoft Office, HTML, CSS