

Daniel Chen

The Wharton School, University of Pennsylvania
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Education

The Wharton School, University of Pennsylvania

Ph.D. in Operations Management Expected 2024

University of Southern California

M.S. in Mathematical Finance 1/2018–5/2019

B.S. in Economics/Mathematics, *summa cum laude* 8/2015–5/2019

Research Interests

Operations Strategy, Online Platforms, Gig Economy, 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. Reject and Resubmit at *Management Science*.

• 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. Under review at *Management Science*.

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”, with Gad Allon.

Selected Awards and Grants

Mack Institute Research Fellowship 2023–2024
Research Project: “Algorithmic Pricing, Transparency, and Discrimination in the Gig Economy”
\$8,000

Mack Institute Research Fellowship 2022–2023
Research Project: “Measuring Strategic Behavior by Gig Economy Workers: Multihoming and Repositioning”
\$8,000

Russell Ackoff Doctoral Student Fellowship 2022–2023
Research Project: “Measuring Strategic Behavior by Gig Economy Workers: Multihoming and Repositioning”
\$3,000

Finalist, INFORMS Behavioral Operations Management Best Working Paper Award	2023
Marjorie Weiler Prize for Excellence in Writing	2020
Wharton Doctoral Fellowship	2019–2024
Phi Beta Kappa	2018

Conference Presentations

- 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

Graduate Teaching Assistant, The Wharton School, University of Pennsylvania

OIDD 636: Scaling Ventures: Aligning Operations with Strategy – with Gad Allon
Fall 2022

OIDD 615: Operations Strategy – with Senthil Veeraraghavan
Summer 2022

OIDD 101: Introduction to Operations, Information and Decisions – with Santiago Gallino, Daniel Rock, Sergei Savin
Spring 2022

OIDD 101: Introduction to Operations, Information and Decisions – with Hummy Song, Daniel Rock, Sergei Savin
Spring 2021

Technical Skills

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