

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

1. “Measuring Strategic Behavior by Gig Economy Workers: Multihoming and Repositioning”, with Gad Allon and Ken Moon. Under review at *Management Science*.
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

Wharton Doctoral Fellowship

2019–2024

Marjorie Weiler Prize for Excellence in Writing
Phi Beta Kappa

2020
2018

Conference Presentations

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