

Contact information

Carnegie Mellon University

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Tepper School of Business

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Employment History

2016 - : Assistant Professor of Economics, Tepper School of Business, Carnegie Mellon University

2012 - 2016: Assistant Professor, Economics Department, The Ohio State University

2015 - 2016: Visiting Assistant Professor, NYU Stern School of Business

Summer 2014 - 2016, 2018, 2021, 2023, 2024: Visiting Scholar, EIEF

Education

2006 - 2012: PhD in Economics, University of Minnesota

2004 - 2005: MA in Economics, University of British Columbia

2000 - 2004: B.S. in Mechanical Eng., Sharif University of Technology

Published and Accepted Papers

Optimal Information Disclosure and Market Outcomes, with Hugo Hopenhayn, **Theoretical Economics**, Vol, 18.4, pp 1317-1344, 2023

Raising the Bar: Certification Thresholds and Market Outcomes, with Xiang Hui, Giancarlo Spagnolo, Steven Tedalis, **AEJ, Micro**, Vol. 15 (2), pp. 599-626, 2023

Reputation and Adverse Selection, Theory and Evidence from eBay, **The RAND Journal of Economics**, Vol. 50, pp. 822-853, 2019

Adverse Selection or Moral Hazard, An Empirical Study, with Xiang Hui and Neel Sundaresan, **The Journal of Industrial Economics**, Vol. 66, Issue 3, pp. 610-649, 2018

Reputation and Regulations: Evidence from eBay, with Xiang Hui, Neel Sundaresan and Zeqian Shen, **Management Science** Vol. 62.12, pp. 3604-3616, 2016

Completed Working Papers

(Dis)Information Wars, with Adrian Casillas, Maryam Farboodi, Layla Hashemi, Steven Wilson, **Brookings Center on Regulation and Markets working paper**

Getting the Agent to Wait, with Yikang Shen and Ali Shourideh, submitted

Equivalent Certain Values and Dynamic Irreversibility, with Hugo Hopenhayn, submitted

Optimal Simple Ratings, with Hugo Hopenhayn, R&R requested at Journal of Industrial Economics

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Optimal Rating Design Under Moral Hazard, with Ali Shourideh

Aggregating Strategic Information, with James Best, Daniel Quigley, Ali Shourideh

Work in Progress

Bid Shading in Dynamic Auctions, with Hugo Hopenhayn

Information Disclosure in Matching Markets, with Hugo Hopenhayn and Ali Shourideh

Impact of Increasing Hospital Price Transparency: Collusion, Search, and Equilibrium Price,
with Elena Prager, Robert Town and Shruthi Vankatesh

Market Power in Complex Networks: The Case of Natural Gas Pipelines, with Majid Mahzoon,
Ali Shourideh, Thomas Youle

Ramesy Pricing across Time and Space, with Arash Asadpour, Ali Shourideh

Optimal Regulation of Ride Sharing Platforms: A Mechanism Design Approach, with Arash
Asadpour, Ali Shourideh

Honors and Awards

NBER Digitization Grant, 2023

Invited paper grant, Brookings Institute, 2022

Most Innovative Paper Award, NBES conference 2022

EQT Foundation and the Scott Institute Seed Grant, 2020-2022

Best Paper Award, Workshop on Information Systems and Economics (WISE), 2017

Wimmer Faculty Fellows, Carnegie Mellon University, 2017-2018

Berkman Faculty Development Fund, Carnegie Mellon University, 2017

Second ALDE Prize for Young Researchers, Applied Economics Meeting, Granada, 2013

Gross Fellowship, Department of Economics, University of Minnesota, 2010

Graduate Research Partnership Program Fellowship, Graduate School, University of Minnesota,
2010

Third Place, Hardy Third Year Paper Competition, University of Minnesota, 2009

A.D. Scott Fellowship in Economics, Department of Economics, University of British Columbia,
2005

University Graduate Fellowship, Department of Economics, University of British Columbia,
2004

Second Prize, International Mathematical Competition, Czech Republic, 2001

Gold Medal, National Mathematical Olympiad, Iran, 1999

Teaching

Statistical and Decision Making, Tepper School of Business, Spring 2022, 2023, 2024

Data Driven Decision Making, Tepper School of Business, Fall 2023

Graduate Industrial Organization, Tepper School of Business, Spring 2019, 2023

Firms, Market Structures, and Strategy, Tepper School of Business, Spring 2019, Fall 2019, Fall

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2020

Designing the Digital Economy, Tepper School of Business, Fall 2017, Spring 2019, 2021, 2022, 2023
Intermediate Microeconomics, Tepper School of Business, Spring 2017, Fall 2017
Microeconomics, NYU Stern School of Business, Spring 2016
Competitive Analysis, NYU Stern School of Business, Spring 2016
Graduate Industrial Organization, The Ohio State University, Spring 2014, 2015
Intermediate Microeconomics, The Ohio State University, Spring 2014, 2015
Game Theory, The Ohio State University, Autumn 2012
Intermediate Microeconomics, The Ohio State University, Autumn 2012
Grader, Writing Intensive Course, University of Minnesota, Spring 2011
Instructor, Graduate Numerical Methods, University of Minnesota, Summer 2009
Teaching Assistant, Principles of Microeconomics, University of Minnesota, 2006-2007
Teaching Assistant, Honors International Microeconomics Analysis, 2005
Teaching Assistant, Empirical Problems in Economics, University of British Columbia, 2005
Teaching Assistant, Applied Economics, University of British Columbia, 2004

Invited Seminars, Discussions, and Conference Presentations

2011: eBay Research Labs

2012: The Ohio State University, Carnegie Mellon University, The Arizona State University, SUNY at Stony Brook, Google Inc., Charles River Associates, Revolution Analytics Inc., UCLA

2013: AEA winter meetings, International Industrial Organization Conference, Midwest Economics, Applied Economics Meeting, Applied Micro Workshop at Minnesota, eBay Economist seminar series

2014: University of Arizona, International Industrial Organization Conference, EIEF, The Economics of Information and Communication Technologies Conference, Econometric Society Summers Meetings, Joint Digitization and IO NBER summer institute, European Association for Research in Industrial Economics Conference, Federal Reserve Bank of Cleveland, Indiana University, UTDT 3rd Annual Conference

2015: Utah Winter Business Economics Conference, Midwest Economic Theory Meetings, International Industrial Organization Conference, Canadian Economic Theory Conference, The Economics of Information and Communication Technologies Conference, Society of Economic Dynamics, EIEF, European Summer Symposium in Economic Theory, SITE, Dynamic Games, Contracts, and Markets Session, eBay, Econometrics Society World Congress, Northwestern Economics Department, UCLA mini conference, Universidad de Chile, Workshop in Industrial Organization (Toi 8)

2016: Econometrics Society Winter Meetings, Dartmouth Winter IO Conference, NYU Stern, Center of Research in Applied and Theoretical Econometrics, SED, Tilburgh University, Rep-

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utation symposium, the Oxford University Centre for Corporate Reputation, LSE, UCL, University of Edinburgh, NBER Market Design Meeting, UCLA

2017: Midwest Economics, International Industrial Organization Conference, SED, Summer Institute in Competitive Strategy, AFE 2017, FTC Microeconomics Conference

2018: AEA, Econometrics Society Winter Meetings, NBER IO winter meetings, Drexel Economics seminar, Northwestern IO seminar, Seoul National University, Sungkyunkwan University, Queen's University, Stanford GSB

2019: Digital Economics Conference, Toulouse, IIOC, CIREQ Montreal Applied Economics Conference, Ashecon, SAET, European Summer Symposium in Economic Theory, Platform Economics

2020: NBER Digitization Winter Meetings, Canadian Economic Theory Conference, The Pennsylvania State University, Economics of Platforms Seminars, CEPR VIOS Seminar

2021: Pennsylvania Theory Conference, APIOC (Invited Chair)

2022: NBES conference, University of Michigan, Annual Theory Conference at ASU

2023: Pennsylvania Theory Conference, Brookings Conference, SAET, EIEF, Northwestern Economics, NBER Political Economy Fall meeting, MIT Junior Finance Conference

2024: AEA meetings, Toulouse Digital Conference, Cowles foundation theory conference, Society for Institutional & Organizational Economics, Annual Meeting, 2024, Invited Panel Discussant, Scheduled: Stanford Institute for Theoretical Economics, Dynamic Games, Contracts, and Markets Session, Stanford Institute for Theoretical Economics, Market Design Session, Econometric Society Interdisciplinary Frontiers (ESIF) conference on Economics and AI+ML, University of Chicago Theory Seminar

Services to the Department

Carnegie Mellon University: Undergraduate Business Administration Educational Affairs Committee (BEAC), 2019-Present

Carnegie Mellon University: MBA Analytical Curriculum Committee, 2023-2024

Carnegie Mellon University, Undergraduate Economic Education Affairs Committee, 2017-2019

Carnegie Mellon University, Recruiting Committee, 2017-2018, 2020-2021, 2023

Carnegie Mellon University, Seminar Organizer, 2017-present

Ohio State University, Seminar Organizer, Spring 2014

Ohio State University, Graduate Committee, 2013-2014

Ohio State University, Undergraduate Committee, 2012-2013

Advising

Shruthi Vankatesh, Heinz, CMU, Committee Member, FTC, 2024

Minhyuk Nam, Summer Paper Reader

Genaro Basulto, Summer Paper Reader

Amirhossein Vaziri, Summer Paper Reader

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Yikang Shen, CMU, Co-advisor

Shuoqi Sun, CMU, Committee Member

Apoorva Havanur, CMU, Honors Thesis Advisor

Majid Mahzoon, CMU, Co-advisor, Central Florida University, 2023

Kole Reddig, CMU, Co-advisor, West Virginia University, 2020

I-Ta Yang, CMU, Co-advisor, Maxpro Ventures, 2020

Erica VanSant, CMU, Committee Member, Analysis Group, 2018

Xiang Hui, OSU, Main Advisor, Assistant Professor, Marketing, Olin Business School, University of Washington in St. Louis, 2018

Hyewon Kim, OSU, Committee Member, National Student Clearinghouse

Junqiushi Ren, OSU, Committee Member, Southwestern University of Finance and Economics, 2017

Garrett Senney, OSU, Committee Member, Office of the Comptroller of the Currency, 2016

Chao Ma, OSU, Committee Member, Xiamen University, 2015

Dhiranjit Kundu, OSU, Committee Member, Ernst and Young, 2014

Referee and Conference Organization

Ad Hoc Refereet

AEJ Insight, AEJ Micro, American Economic Review, Econometrica, Economic Inquiry, European Economics Review, European Research on Management and Business Economics, Games and Behavioral Economics, Journal of the European Economic Association, Journal of Industrial Economics, International Journal of Industrial Organization, Journal of Economic Theory, Journal of Political Economy, Journal of Economics and Management Strategy, Journal of Economic Behavior and Organization, Journal of Industrial Economics, Journal of Industrial Organization, Journal of Neuroscience, Psychology, and Economics, Management Science, Rand Journal of Economics, The Review of Economics and Statistics, Review of Economic Studies.

Grant Assessment

Social Sciences and Humanities Research Council of Canada

EQT Foundation and the Scott Institute Seed Grant

Conference Organization and Committee

CMU IO Conference, Organizer, 2019

ACM Conference on Economics and Computation, 2024