

Contact information

Carnegie Mellon University
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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: Visiting Scholar, EIEF

Education

2006 - 2012: PhD in Economics, University of Minnesota Advisors: Patrick Bajari, Thomas Holmes

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

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

Published and Accepted Papers

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

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

Raising the Bar: Certification Thresholds and Market Outcomes, with Xiang Hui, Giancarlo Spagnolo, Steven Tedalis, Forthcoming, *AEJ, Micro*

Working Papers

Optimal Quality Ratings and Market Outcomes, with Hugo Hopenhayn, Revision requested at *Theoretical Economics*

Dynamic Value Shading, with Hugo Hopenhayn

Bid Shading in Dynamic Auctions, with Hugo Hopenhayn

Optimal Coarse Ratings, with Hugo Hopenhayn

Optimal Rating Design, with Ali Shourideh

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

Work in Progress

Recommender Systems as Dynamic Bayesian Persuasion Mechanisms, with Yikang Shen and Ali Shourideh

MARCH 2022

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

Fake News and Crowdsourcing of Fact Checking, with James Best, Daniel Quigley, Ali Shourideh

Honors and Awards

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

Graduate Industrial Organization, Tepper School of Business, Spring 2019

Firms, Market Structures, and Strategy, Tepper School of Business, Spring 2019, Fall 2019, Fall 2020

Designing the Digital Economy, Tepper School of Business, Fall 2017, Spring 2019, 2021, 2022

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

Research Experience

Research Intern, eBay Research Lab, eBay Inc., 2011

Research Analyst, Research Department, Federal Reserve Bank of Minneapolis, 2008-2010

Research Assistant, Economics Department, University of Minnesota, 2007-2008

Research Assistant, Economics Department, University of British Columbia, 2005

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, Reputation 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)

NBES conference, University of Michigan (scheduled)

MARCH 2022

Services to the Department

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

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

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

MARCH 2022

Advising

Yikang Shen, CMU, Co-advisor

Apoorva Havanur, CMU, Honors Thesis Advisor

Majid Mahzoon, CMU, Co-advisor

Kole Redding, CMU, Co-advisor

I-Ta Yang, CMU, Co-advisor

Erica VanSant, CMU, Committee Member

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

Hyewon Kim, OSU, Committee Member

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

Games and Behavioral Economics, JPE, Rand Journal of Economics, Journal of Economics and Management, Journal of Industrial Organization, European Economics Review, Journal of Economic Behavior & Organization, Journal of Neuroscience, Psychology, and Economics, Econometrica, Journal of Industrial Economics, Management Science, Review of Economic Studies, AEJ Micro

-Grant Assessment

Social Sciences and Humanities Research Council of Canada