YONGZHI XU

Texas A&M University   (+1) (979) 402-6841

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EDUCATION

Ph.D. in Economics, Texas A&M University	2026 (Expected)
M.S. in Economics, Texas A&M University	2020
Bachelor of Economics, Shanghai University of Finance and Economics	2016

RESEARCH INTEREST

Econometrics, Industrial Organization, Machine Learning, Reinforcement Learning

WORKING PAPER

"Tacit Collusion by Pricing Algorithm with Rule-Based Rivals" (**Job Market Paper**).

"Detecting Algorithmic Collusion by Algorithms" (with Yonghong An and Yu Zhu).

"Let Them Eat Pie: Addressing the Partial Contestation Problem in Multiparty Electoral Contests" (with Ali Kagalwala, Thiago M. Q. Moreira, and Guy D. Whitten).

"The Impact of Return Policies and Perception Heterogeneity on Sales Platforms for Experience Goods: An Experimental Study" (with Jinliang Liu). *Revise and Resubmit* to *Journal of Economic Behavior and Organization.*

WORK IN PROGRESS

"Historical Simulations of Unified China and Divided Europe: Insights from Reinforcement Learning" (with Li Zheng and Weiwen Yin).

"Long Divided, Must Unite? Historical Simulations of Japan's Political Evolution Using Reinforcement Learning" (with Li Zheng and Weiwen Yin).

AWARDS, GRANTS, AND HONORS

Graduate Assistantship	Texas A&M University, 2020-2025
Outstanding Graduate Teaching Assistant	Texas A&M University, 2021
Department Scholarship	Texas A&M University, 2018

SEMINAR AND CONFERENCE PRESENTATION

CES 2025 North America Annual Conference	Ann Arbor, MI, Mar 2025
Texas Camp Econometrics XXVIII	Burnet, TX, Feb 2025
Texas Camp Econometrics XXVII	Montgomery, TX, Feb 2024

RESEARCH EXPERIENCE

Research Assistant to Prof. Yonghong An	Texas A&M University, Full Year 2019
Research Assistant to Prof. Jeremy Fox	Rice University, Spring 2019

TEACHING EXPERIENCE

Instructor, Department of Economics, Texas A&M University

Qualifier Camp for Econometrics II	Summer 2024
ECON 202 Principles of Economics: Microeconomics (Undergrad core)	Summer 2023
Qualifier Camp for Econometrics I	Summer 2022

Teaching Assistant, Department of Economics, Texas A&M University

ECMT 676 Econometrics II (PhD core, with recitation), Prof. Manu Navjeevan & Prof. Jorge Garcia	Spring 2025
ECMT 675 Econometrics I (PhD core, with recitation), Prof. Yonghong An	Fall 2024
ECMT 676 Econometrics II (PhD core, with recitation), Prof. Yonghong An & Prof. Scott Cunningham	Spring 2024
ECMT 675 Econometrics I (PhD core, with recitation), Prof. Yonghong An	Fall 2023
ECMT 463 Introduction to Econometrics (with recitation), Prof. Yonghong An	Spring 2023
ECON 489 Data Science for Future Decision Makers, Prof. Fernando Luco	Fall 2022
ECON 426 Antitrust Economics, Prof. Fernando Luco	Spring 2022
ECMT 463 Introduction to Econometrics (with recitation), Prof. Zheng Fang	Fall 2021
ECON 203 Principles of Economics: Macroeconomics, Prof. Petro Bento	Spring 2021
Economics Tutoring Lab for Students (G & UG), Texas A&M University	Fall 2020

SKILLS

Programming Languages and Frameworks
Julia, Matlab, Python, R, Stata, SAS, z-Tree, C#

Languages
Mandarin Chinese (Native), English (Fluent)

COMMITTEE MEMBERS

Yonghong An (Chair)	Jackson Bunting
Professor of Economics	Assistant Professor of Economics
Department of Economics	Department of Economics
Texas A&M University	University of Washington
yonghongan@tamu.edu	jbunting@tamu.edu
Qi Li	Xianyang Zhang
Professor of Economics	Professor of Statistics
Department of Economics	Department of Statistics
Texas A&M University	Texas A&M University
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