

Shirui Wang (王仕睿)

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EDUCATION

Ph.D. Economics, Iowa State University, USA	2020
M.A. Economics, Central University of Finance and Economics, China	2014
B.S. Physics, Yunnan University, China	2010

FIELDS OF INTEREST

Finance, Cryptocurrency, Applied Microeconomics

RESEARCH EXPERIENCE

Publications

Predictability Of Commodity Futures Prices with Machine Learning (with Tianyang Zhang). *Journal of Futures Markets Forthcoming*

Intergenerational Income Mobility in Urban China: An Estimation Based on Jorgenson-Fraumeni Income Approach (with Tingting Ding and Li Yu). *Economic Theory and Business Management*. 2016.7:83-97.

Working papers

Wash Trading and Insider Sales in NFT Markets (with Nieyan Cheng and Tianyang Zhang, revising for *Journal of Banking & Finance*)

Patent and Commodity Prices

Calendar Effects of Crypto Options

Dynamic Portfolio Optimization with Reinforcement Learning

An Experimental Study of an Alternating Bargaining Game with Uncertainties

WORK EXPERIENCE

Economics Tutor, U Course, Remote	Dec. 2022 -
Co-founder, Pequod NFT Marketplace	Mar. - Dec. 2023
Lead Crypto Analyst, FDAO Capital, Remote	Nov. 2021 - Nov. 2022
Assistant Director, Inst. of Blockchain Finance, China U. of Petroleum, Beijing	May - Nov. 2022
Equity Quant Researcher, Yan Investments, Beijing	Mar. - Dec. 2021
Economist/Data Scientist, Kuaishou Technology, Beijing	Aug. 2020 - Feb. 2021
Data Scientist Intern, CO-OP Financial Services, Des Moines	May - Jul. 2019

GRANTS

Co-PI, "AI in Commodity Spread Trading." China Association for AI & Huawei

Co-PI, "Bargaining Games Experiment." Iowa State University

PRESENTATIONS

Conferences

Missouri Valley Economic Association Annual Conference, Online	2020
Missouri Valley Economic Association Annual Conference, Kansas City KS	2020, 2019
Chinese Economists Society Annual Conference, Athens GA	2018
Iowa State University Labor-Public Economics Workshop, Ames IA	2017

Invited Talks

EMC Insurance Companies, Des Moines IA	2020
Experimental Economics guest talk, Ames IA	2019

TEACHING EXPERIENCE

U Course

Tutor, Undergraduate and Graduate courses in Econ, Finance, Stat and CS	2022-
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Iowa State University

Instructor, Econometrics (Graduate)	Spring 2019
Instructor, Mathematical Economics (Graduate)	Fall 2018
Instructor, Principles of Microeconomics (Undergraduate)	Fall 2019 & Summer 2017
Teaching Assistant	2014–2019
<i>Graduate:</i> Econometrics, Labor Economics, Microeconomics	
<i>Undergraduate:</i> Microeconomics, Econometrics, Managerial Economics	

Central University of Finance and Economics

Instructor, Human Capital (Graduate)	Spring 2012
Teaching Assistant, Econometrics (Graduate)	Fall 2013

AWARDS & CERTIFICATIONS

Global Scholars Award, Iowa State University.	2020
Teaching Excellence Award, Iowa State University.	2019
Graduate Student Travel Grant, Iowa State University.	2015, 2016, 2019
Professional Development Grants, Iowa State University.	2015, 2016
China National Scholarship, Central University of Finance and Economics.	2013
Practitioner Qualification, Asset Management Association of China	
FRM I	

SKILLS

Python, R, Stata, Matlab, SQL, Linux.