JIEQIONG (CICY) JIN (She/Her/Hers)

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SUMMARY

Ph.D. candidate with 3+ years of experience in data analysis, quantitative research, causal inference, and experimental design. Seeking to contribute expertise in driving data-driven insights and strategies to optimize decision-making processes.

EDUCATION

Ph.D. Candidate *in* ***Economics,*** Purdue University	2018 - 2024 (Expected)
Experimental Economics (Primary); Industrial Organization (Secondary)	
M.S. *in* ***Economics,*** Purdue University	2018 - 2019
M.S. *in* ***Economics,*** University of Amsterdam	2016 - 2017
B.S. *in* ***Economics and Business,*** University of Amsterdam	2013 - 2016
Amsterdam Merit Scholarships (2013 - 2016, $18845)	

RESEARCH EXPERIENCE

- Secured research funding ($3383 in 2021, $4450 in 2022) by drafting and submitting a grant proposal to Krannert Doctoral Research Fund
- Designed and implemented laboratory experiments using websites built by Python, HTML, CSS, and JavaScript

Behavioral Spillover in Cooperation Games, Job Market Paper

- Investigated how change of strategic uncertainty in one setting affects agent's voluntary contribution
- Analyzed panel data and conducted regression analysis using Instrumental Variable approach
- Found subjects contribute 7.4% less when are in treatment with high strategic uncertainty

The effect of Private Judgement System on Cooperation

- Examined effect of a disinterested third party in trade cooperation and dispute resolution within trading community
- Tested theoretical model proposed by Milgrom et al. (1990) and solved equilibrium using backward induction
- Found trade efficiency increased 4% with presence of an honest and perfect third party but efficiency dropped 16% if third party was subject to dishonest behavior and can make mistakes

ASSISTANTSHIPS AND OTHER EXPERIENCES

Purdue University	West Lafayette, IN
Instructor *for ECON 251 Microeconomics (Undergraduate, online)*	July 2020 - August 2020

- Demonstrated strong communication skills by promptly addressing inquiries for a class of 86 students
- Enhanced student preparedness and performance through a comprehensive review session led prior to final exam
- Received Krannert Certificate for Outstanding Teaching for exhibiting excellence in teaching

Research Assistant   2018 - Present

- Utilized Causal Tree to estimate heterogeneous treatment effects of employer's characteristics in employers' hiring decisions using data from large-scale field experiment in Bangladesh
- Built a website for a lab experiment to study causal effect of inflationary monetary policies on allocations and welfare using Python, HTML, CSS, and JavaScript
- Performed extensive regression analyses and generated illustrative graphs using Stata for robustness check

Teaching Assistant   2018 - Present

- Received Krannert Certificate for Outstanding Recitation Teaching for leading recitation session of course Principals of Economics for 40+ students
- Led MATLAB review sessions to provide academic support for 20+ students in mastering essential software commands for a PhD course

SKILLS

- Python, R, SQL, Stata, SAS, MATLAB, JavaScript, CSS and HTML
- Linear, Logistic and Probit Regression, IV, Diff-in-Diff, Propensity Score Matching, Synthetic Control, Regression-Discontinuity, Random Forest, Causal Tree
- A/B Testing, Experimental Design, Hypothesis Testing, Panel Data Analysis, Agent-based Simulation