

Jiacheng He

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Department of Economics
University of Kansas
Snow Hall 415
Lawrence, KS, 66045

Education	University of Kansas (GPA 4.0) Ph.D. Candidate in Economics Graduate Certificate in Applied Mathematics M.A. in Economics Guangdong University of Foreign Studies, China B.A. in Finance	2014 - 2019 (expected) 2014 - 2018 (expected) 2014 - 2016 2010 - 2014
Employment	Visiting Researcher W.E. Upjohn Institute for Employment Research Data Science Intern Compuware Graduate Teaching Assistant Department of Economics, University of Kansas Research Assistant Department of Economics, University of Kansas	07/2018 - 08/2018 05/2018 - 07/2018 08/2014 - Present 05/2015 - 08/2015
Research Fields	Applied Microeconometrics, Applied Machine Learning, Causal Inference, Program Evaluation, Natural Language Processing	
Computer Skills	R, Python, Git, Linux, L ^A T _E X, SQL, SAS, Stata, MATLAB, Julia	
R Packages	KagglePipeline (in progress) [GitHub] TextAnalysis (in progress) [GitHub]	
Kaggle Experience	DonorsChoose.org Application Screening House Prices: Advanced Regression Techniques Corporación Favorita Grocery Sales Forecasting (Top 17%) Titanic: Machine Learning from Disaster	03/2018 - Present 01/2018 - Present 11/2017 - 01/2018 10/2017 - Present
MOOC Certificates	SQL for Data Science [link] Julia Scientific Programming (with Honors) [link] Introduction to Computer Science and Programming Using Python [link]	

Research Papers

Working Papers

"Evaluating the Impact of Asset Test Elimination in Medicare Savings Program" [[slides](#)] [[GitHub](#)]

"Does Age-Based Public Health Insurance Eligibility Save Medicaid Divorce? Regression Discontinuity Evidence at Age 65" [[PDF](#)] [[slides](#)]

"Monte Carlo Simulation on Causal Forest" [[PDF](#)] [[slides](#)] [[GitHub](#)]

"Sentiment and Content Analysis Surrounding the Pulse Nightclub Shooting", with Mohammad Isyroqi Fathan, Sri Gayatri Sundar, Muhammad Saad Adnan, and Sierra Seacat [[PDF](#)]

"Occupational Effects of Housing Boom and Routine Biased Technological Change"

Teaching Experience

Graduate Teaching Assistant at University of Kansas

Principle of Microeconomics (ECON 142)	2014F, 2015S, 2017F
Master-level Macroeconomics (ECON 701)	2018S
PhD Microeconomic Theory 1 (ECON 800 & 801)	2015F, 2016F
PhD Macroeconomic Theory 1 (ECON 809 & 810)	2016S, 2017S, 2018S
PhD Macroeconomic Theory 2 (ECON 811)	2016F
(F = fall semester, S = spring semester)	

Honors and Awards

University of Kansas

Passed PhD oral comprehensive exam with honors	12/2017
Economics Department Research Scholarship	Summer 2016
Economics Department Research Scholarship	Summer 2015

Guangdong University of Foreign Studies

Outstanding Bachelor Thesis Award	05/2014
Outstanding Student Scholarship	2011-2013
Model Student of Academic Records Award	2012-2013
Jetta Scholarship	2011-2012
Merit Student Award	2011-2012

China Society for Industrial and Applied Mathematics

Third Prize in Contemporary Undergraduate Mathematical Contest in Modeling (CUMCM)	10/2013
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Research Presentation

KU Economics Department Seminar	03/2018
WUSTL 12th Economics Graduate Students' Conference	10/2017
Missouri Valley Economic Association 54th Annual Meeting	10/2017
KU Economics Department Seminar	10/2017

Language

English (fluent), Cantonese (native), Mandarin (native)