Jiacheng He

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Kaggle:	`www.kaggle.com/dg040301`	

Education

University of Kansas (GPA 4.0)
Ph.D. Candidate in Economics	2014-2019 (expected)
Graduate Certificate in Applied Mathematics	2014-2018 (expected)
M.A. in Economics	2014-2016

Guangdong University of Foreign Studies, China
B.A. in Finance	2010-2014

Appointment

Graduate Teaching Assistant	08/2014 - Present
University of Kansas, Department of Economics	
Research Assistant	05/2015 - 08/2015
University of Kansas, Department of Economics	

Research Fileds

Applied Microeconometrics, Applied Machine Learning, Causal Inference, Program Evaluation, Natural Language Processing

Computer Skills

R, Python, Git, Linux, LaTeX, SQL, SAS, Stata, MATLAB, Julia

R Packages

KagglePipeline (in progress) [GitHub]
TextAnalysis (in progress) [GitHub]

Kaggle Experience

DonorsChoose.org Application Screening	03/2018 - Present
House Prices: Advanced Regression Techniques	01/2018 - Present
Corporación Favorita Grocery Sales Forecasting (Top 17%)	11/2017 - 01/2018
Titanic: Machine Learning from Disaster	10/2017 - Present

MOOC Certificates

SQL for Data Science [in progress]
Julia Scientific Programming (with Honors) [link]
Introduction to Computer Science and Programming Using Python [link]

Research Papers

Working Papers

"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"

Work in Progress

"Did Removing Asset Test of Medicare Savings Program Reduce Seniors' Difficulty to Access Health Care?"

Teaching Experience

Graduate Teaching Assistant at University of Kansas

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

Honors and Awards

University of Kansas

Passed PhD oral comprehensive exam with honors	12/2018
Economics Department Research Fellowship	Summer 2016
Economics Department Research Fellowship	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

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)