Zhenhao Gong

University of Connecticut   Phone:**+1 (315) 870-8326**
Department of Economics   E-mail:**zhenhao.gong@uconn.edu**
365 Fairfield Way, U-1063   Homepage:**https://www.zhenhao-gong.com/**
Storrs, CT 06269-1063   Citizenship:**Chinese (3 Years of OPT)**

EDUCATION

University of Connecticut,

- Ph.D. in Economics   Expected July 2022
  - Fields of Concentration: Econometrics, Labor Economics, Industrial Organization
  - Dissertation Title: *"Three Essays on Large Panel Data Econometrics"*
- M.S. in Quantitative Economics   Expected June 2022

Syracuse University,   June 2017

- M.A. in Economics

Zhejiang Ocean University,   July 2013

- B.A. in Economics

RESEARCH INTERESTS

- Applied Econometrics, Financial Econometrics, Machine Learning, Forecasting
- Concentration: Large panel models, Factor analysis in high-dimensional data

WORKING PAPERS

1. "Improved Inference for Interactive Fixed Effects Model with Cross-sectional Dependence," (**Job Market Paper**).

2. "Non-robustness Issue for Estimating the Number of Factors in High Dimensional Data," (Manuscript).

3. "Interactive Fixed-effects Dynamic Panel Models, A Spatial Analytical Approach," (Working in Progress).

TEACHING EXPERIENCE

Instructor, University of Connecticut

- Elementary Forecasting (Spring 2021, Fall 2021)
- Econometrics I (Spring 2021, Fall 2021)

Teaching Assistant, University of Connecticut

- Financial Econometrics (Fall 2019)
- Econometrics I (Ph.D. level) (Spring 2019)
- Intermediate Microeconomics Theory (Fall 2017, Spring 2018, Spring 2019)
- Principles of Economics (Fall 2018)

Teaching Assistant, Syracuse University

- Intermediate Macroeconomics Theory (Fall 2016)

RESEARCH EXPERIENCE

- *Research Assistant* for Prof. Kao, University of Connecticut   2019
- *Research Assistant* for Prof. Furtado, University of Connecticut   2018

HONORS AND AWARDS	**University of Connecticut,**

- *Eleanor Bloom Summer Fellowship*   2021, 2020, 2019, 2018
- *Graduate School Pre-Doctoral Fellowship*   2019
- *Timothy A. and Beverly C. Holt Economics Fellowship*   2019

SEMINARS AND CONFERENCES

- Econometrics Seminar, University of Connecticut
- New York Camp Econometrics

TECHNICAL SKILLS

- *Programming Languages*: R, Python, LaTeX
- *Technical Softwares*: Matlab, Stata
- *Machine Learning methods:* LASSO, Ridge, PCA, Cross-sectional Validation, Classification, Model Selection, Step Functions

RELEVANT MACHINE LEARNING COURSEWORK

- ECON 5317 Machine Learning for Economists
  - Classification, Cross-sectional Validation, LASSO, Tree Based Methods
- ECON 5323 Convex Optimization with Python
  - Machine Learning, GBM, Gradient Descent
- ECON 5494 Open Source Programming with Python
  - Object-Oriented Programming
- ECON 5495 Programming and Computation with R
  - Principal Component Analysis

REFERENCES

Min Seong Kim
University of Connecticut
E-mail: min_seong.kim@uconn.edu
+1 (860) 486-4859

Chihwa Kao
University of Connecticut
E-mail: chih-hwa.kao@uconn.edu
+1 (860) 486-4669

Jungbin Hwang
University of Connecticut
E-mail: jungbin.hwang@uconn.edu
+1 (860) 486-2390

Sung Hoon Choi
University of Connecticut
E-mail: sung_hoon.choi@uconn.edu
+1 (929) 216-4442

Updated by: Sep, 2021