

Yujie Zhang

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EDUCATION

University of Houston

Houston, TX, USA

Ph.D. in Economics (to be expected)

Courses: Development Economics, Health Economics, Labor Economics, Economics of Education, Human Capital, Trade

Hanyang University

Seoul, Korea

Master of Arts in Economics and Finance

Aug. 2018

Tianjin University

Tianjin, China

Bachelor of Engineering in Ocean and Naval Engineering

July 2016

RESEARCH EXPERIENCE

Gender-differed sibling effect on health outcomes

Houston, TX, USA

Work in Progress

- Estimate the effect of the presence of older sister on the health outcomes and human capital development of the younger sibling(s) in one household, especially in developing countries.

Census Household Pulse Survey Data Analysis

Houston, TX, USA

Research Assistant in Institute for Research on Women, Gender and Sexuality

June 2022 - present

- Track households' experience with hardship and recovery from the Covid-19 Pandemic in Houston/Harris County and how it differs by gender, sexual orientation, and household income level.

Car accident related to alcohol use and liver disease

Houston, TX, USA

Research Assistant

Feb. 2022

- Assisted Prof. Elaine M. Liu (Univ. of Houston) on project estimating how it can be affected by current environment compared to individual characteristics.
- Cleaned data of car accident mortality related to alcohol use on county-level for about 15 years, and liver disease mortality and morbidity, mainly from FARS and NCHS dataset.

Local officials of China's prefecture-level cities

Remote

Research Assistant

Nov. - Dec. 2020

- Assisted Prof. Yuyu Chen (Peking Univ.) and Prof. Heng Chen (Univ. of Hong Kong) on project about the relationship between local officials of China's prefecture-level cities, local economic development and legal system construction.
- Completed the raw data collection, collation, and cleaning of more than 200 local officials of prefecture-level cities in provinces Guangdong, Shandong, Shanxi, and Neimenggu.

News-driven business cycles: evidence from expectations of stock returns

Seoul, Korea

Master Thesis, with Prof. Deokwoo Nam, accepted by Journal of Economic Research

Jan. - July 2018

- Proposed using expectations of stock returns as proxy for future fundamentals in sign-restricted structural VAR model.
- Reconstructed the measurement of expectations considering availability and length of the raw data to reach the troughs during NBER recessions and to achieve effective results in baseline system.
- Compared results in baseline system with alternative systems (the measurement of expectations was displaced by stock prices and consumer confidence, separately, with other variables remaining the same) including impulse responses and Forecast Error Variance Decomposition.
- Concluded that business cycles can arise on the basis of expectations of future fundamentals without change in current productivity and that expectations of stock returns could be an explicit measure compared with stock prices and consumer confidence.

Shipping management optimization using simulation method

Bachelor Thesis

Tianjin, China

Feb. - July 2016

- Studied feasible simulation methods to optimize industrial efficiency used in port logistics system. Examined AGV and RFID techniques in port terminal storage, conducted simulating automatic warehouses in FlexSim Software.

TEACHING EXPERIENCE

University of Houston

Houston, TX, USA

Teaching Assistant to Prof. Nathan J. Canen

Spring 2022

- Assisted with Econometrics I (Ph.D. Level), graded homework and held TA session every week.

University of Houston

Houston, TX, USA

Teaching Assistant to Prof. Janet E. Kohlhasse

Fall 2021

- Assisted with Microeconomics I (Ph.D. Level), graded homework and held TA session every week.
- Evaluated by students 5/5 regarding the teaching assistant was receptive to questions and 4.9/5 regarding the teaching assistant was available for assistance to students (department average was 4/5).

Hanyang University

Seoul, Korea

Teaching Assistant to Prof. Eleanor Jawon Choi

March 2017 - July 2018

- Assisted professor with course materials, checking attendance of students, monitoring exams, managing records and the statistics of students' performance.
- Graded problem sets and exams for more than 150 students each semester, held office hour statistical software learning and collected feedback.
- Courses included Introductory Mathematical Economics, Econometrics, Empirical Methods in Applied Microeconomics, Career Development, and Applied Econometrics (Graduate Level).

WORKING EXPERIENCE

Bank of Communications

Jiangsu, China

Full-time Client Manager

Aug. 2018 - Sept. 2019

- Provided investment advice for clients regarding fixed term deposit, national debt, bond, foreign exchange investment, and insurance.
- Worked as the vice organizer for Suzhou Gusu branch to win "four-star-best-service bank branch" awarded by China Banking Association.

China Construction Bank

Sichuan, China

Summer Intern in Loans Department

June - Aug. 2017

- Analyzed housing loans and mortgage applications and participated in post-loan supervision.

HONORS AND AWARDS

Graduate Fellowship, University of Houston, 2020 - current

Teaching Assistantship, Hanyang University, Spring 2017, Fall 2017, Spring 2018

TOPIK Scholarship, Hanyang University, Dec. 2017, March 2018

SKILLS

Computer: Stata, MATLAB, Python, \LaTeX

Language: English (Fluent), Mandarin (Native), Korean (Intermediate)