

RUNREN ZHOU

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<https://runrenzhou.netlify.app/>

EDUCATION

London School of Economics and Political Science (LSE), UK

Sep. 2021 - Jul. 2022

MSc in Econometrics and Mathematical Economics (EME)

Class: Distinction

Department of Economics

Peking University (PKU), China

Sep. 2017 - Jul. 2021

Bachelor of Arts in Economics

Major GPA: 3.86/4 or 92.4/100

National School of Development (NSD)

CURRENT POSITION

Energy Policy Institute at the University of Chicago (EPIC-China)

Aug. 2022 - Present

Pre-doctoral Fellow, supervised by Shaoda Wang (UChicago) & Guojun He (HKU)

- Ecological and Demographic Impacts of the Eradication of Sparrows
- Social Mobility of *Jinshi* Scholars in Ming and Qing Dynasties
- RCT Experiment about Land Merge in Southwestern China
- Media Competition, Media Capture and Pollution in China
- Other miscellaneous or temporary work

RESEARCH EXPERIENCE

Innovation of China's Universities

Aug. 2021 - Jun. 2022

Research Assistant, supervised by Ruixue Jia (UCSD) & Xuan Wang (PKU)

- Organized a database of patent of several hundred gigabytes.
- Analyzed how the allocation of research fund would affect the research output of universities of China together with the spillover effects.
- Found the evidence of professional embezzlement in universities using the patent database of China.

Growth Accounting of Eastern Asia Economies

Oct. 2019 - Jan. 2020

Research Assistant, supervised by Assistant Professor Bo Hu (INSE, PKU)

- Focused on reviewing different growth accounting methodologies, summarizing their computational methods of several important variables and evaluating their estimation efficiency.
- Analyzed and recalculated Penn World Table with Stata, read different papers about growth accounting, wrote mathematics notes and summarized their accounting methods.

Industry Policy and Middle-Income Trap in China

Jun. 2019 - Sep. 2019

Research Assistant, supervised by Associate Professor Yong Wang (INSE, PKU)

- Reviewed more than thirty papers relevant to middle-income trap in English, summarized their main results, data sources and research methods and wrote part of the literature review of a working paper.
- Analyzed the industries of concern on the US \$200 billion tariff list in Sino-US trade war, summarized relevant industrial policy of China and the corresponding official documents of the US into a report.

WORKING PAPER

- "When Labor Supply is not Self-determined: A New Perspective to Understand the Determinant of Wage and Overtime Work"

PUBLICATIONS

- “Leadership Effect and Peer Effect in Competition for Honorary City Titles: Evidence from National Health Cities” (with Songrui Liu and Tianyang Xi). *Journal of Public Administration (in Chinese)*, 2022, Vol. 15, No. 3, 2022, pp: 4-20+196

SELECTED PROJECTS

Text similarity of work reports of China’s governments

Feb. 2022 - May. 2022

Course project of Quantitative Text Analysis

- Using two corpora, work reports of China’s central and local governments from 2002 to 2018, this project studies the change of their similarity over the years together with the details of the convergent content. Besides the standard text processing and descriptive statistics, dictionary methods, wordfish model and k-means clustering are also applied.
- The results demonstrate that the change of central-local similarity before 2013 is relatively flat and ambiguous while there has been a steep increase since 2013. As for the specifics, the percent of ideological content is stable before 2012 but has begun to soar since 2013.

Population Mobility in China’s Ethnic Minority Areas

Mar. 2021 - Jun. 2021

Course project of Labour Economics

- Using the 20% subsample from 2005 National 1% Population Sampling Survey, this project studied the factors affecting the migration of ethnic minorities in China with binary probit model and IV.
- The results showed that geographical gathering of ethnic minorities would reduce individual’s willingness to emigrate to other prefectures. Possible explanations are: 1. the gathering increases the introversion of ethnic minorities; 2. the gathering reflects the incomplete integration of ethnic regions of central kingdom in history, which continuously shadows today.

RELEVANT COURSES

1. Graduate Level Economics Courses

Advanced Microeconomics, Advanced Macroeconomics, Econometric Analysis
Advanced Econometrics I

2. Mathematics Courses

Advanced Mathematics (I & II), Linear Algebra, Probability Theory, Mathematical Statistics
Stochastic Process, Financial Mathematics, Game Theory

3. Programming Courses

Quantitative Text Analysis, Machine Learning and Data Mining, Programming for Analytics
Data Mining for Business Analytics, Data Analysis and Econometric Programming

HONORS & AWARDS

Kwang-Hua Scholarship of Peking University (Top 5% in Peking University)	2018
Award for Academic Excellence of Peking University	2018
Freshmen Scholarship of National School of Development	2018
China Economic Research Scholarship	2019
Award for Social Work of Peking University	2019
Excellent Graduation Thesis for Undergraduates	2021

SKILLS

Programming skills:

Stata, Python, Web Crawler, R, Matlab, LaTeX