

# Yijiao Liu

APPLIED MICROECONOMIST, [CLICK HERE FOR THE NEWEST RÉSUMÉ](#)

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## Summary

Ph.D. candidate trained in Economics, with strong organization skills developed from 12 semesters of teaching experience, and ability to lead research programs independently or work as part of a team. Particular expertise in the following areas:

- Data Analysis
- Construction of Large Datasets
- Economic Modeling
- Statistical Programming
- Policy Analysis
- Geocoding

## Research Experience

### Stony Brook University

Stony Brook, NY

PH.D. CANDIDATE

Expected May. 2019

- Constructed a novel comprehensive geocoded village-level spatial data set with accurate census data and administrative hierarchy info. of China
- Quantified the impact of the reform of an institutional tool—*hukou*—on migration inflows to various Chinese urban centers with large data sets
- Computed a discrete choice (conditional logit) model based on a 469 location alternatives by 11783 individual cases data set
- Forecasted the urbanization progress under the different policies of *hukou* reforms, and extended practical policies on urbanization acceleration
- Presented ‘*How Will hukou Reform Affect the City System in China?*’ at
  - 2018 Southern Economic Association Conference
  - 2019 AEA Poster Session

### Mortality Section, Population Division, DESA, United Nations

New York City

FULL-TIME INTERN

Aug. 2017 - Nov. 2017

- Assisted with research and data management using the DHS data from developing and developed countries
- Developed R packages to standardize novel computational methods of fertility rates
- Collaborated in the development and testing of new statistical methods, evaluated quality, and corrected errors of the DHS data sets

### Research Foundation in CUNY

New York City

CONSULTANT

Feb. 2015 - May. 2015

- Established a geographic census dataset of a county-level division to distinguish urban and rural population for each city-proper in China
- Constructed a yearly-consistent coding system with zip code cross-walks for county-level administrative units in China

### Jilin University

Changchun, China

PROJECT LEADER, CHINA NATIONAL INNOVATION PLAN FOR UNDERGRADUATES

Feb. 2010 - May. 2011

- Led a Project ‘The Development of the Theory of the Dual Labor Market in China’ with members from Economics, Mathematics, and Law School
- Received research fund of 12,000 RMB from the Ministry of Education of China and Ping An Insurance (Group) Company of China, Ltd.
- Published ‘The Analysis of the Structure of the China’s Labor Market’ in *Business Research Journal*, and won the National Ping An Paper Award

## Leadership Experience

### Stony Brook University

Stony Brook, NY

INSTRUCTOR

Jul. 2015 - Present

- Taught and designed 12 sections for undergraduates in both traditional and on-line courses
  - Urban Economics
  - Economic Development
  - Demographic Economics
  - Mathematical Statistics
  - Intermediate Macroeconomics
  - Intermediate Microeconomics
- Held weekly office hours and graded homework assignments for class of around 70 students
- Conducted group projects for students from diverse backgrounds to enhance the communication, presentation and technical skills
- Advised 500+ students on learning strategies, course materials, research design, and extracurricular opportunities
- Received excellent teaching evaluations in field courses (4.7/5)
- Awarded the 2017 Summer Online Teaching Initiative by Office of the Provost for online class *Urban Economics*

### Game Theory Center of Stony Brook University

Stony Brook, NY

ORGANIZER

Jul. 2016 & Jul. 2017

- Worked in a team to organize the 27<sup>th</sup> & 28<sup>th</sup> International Game Theory Conference and Workshops with 300+ participants, including registration, a guide to local services and amenities, and catering for the conference

### Carnegie Hall

New York City

MUSIC AMBASSADOR

Sep. 2015 - Mar. 2016

- Assisted visitors and music lovers from all over the world with getting information of concerts and amenities to enhance their tourism experience

## Skills

- Programming** Python, R, Stata
- Other Packages** QGIS, HTML, Maps APIs Webservices, LaTeX, LyX, MS Office
- Languages** Fluent in English, Native in Chinese

## Education

### Stony Brook University

Stony Brook, NY

PH.D. CANDIDATE IN ECONOMICS, GPA 3.5

Expected May. 2019

- Tuition Scholarship and Graduate Assistantship

### Jilin University

Changchun, China

B.A. IN ECONOMICS NATIONAL BASE CLASS, GPA 3.5

Aug. 2008 - Jun. 2012

- Student Achievement Award of the School of Economics
- Scholarship to the School of Economics