

YUYANG ZHAN

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EDUCATION

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- Renmin University of China (RUC)** **09/2022 - 06/2026**
Bachelor of Economics, Majored in Labor Economics **GPA:** 3.89/4.0 (ranked 5th out of 124 students, top 4%)
- Related courses:
Econ: Econometrics (100 in final exam), Intermediate Microeconomics (90+), Intermediate Macroeconomics (90+), Experimental and Behavioral Economics (90+), Game Theory, Public Economics (90+), Poverty and Inequality (90+), Labor Economics (90+), Economic Issues in Contemporary China (90+), Population and Family Economics (90+), Economics Writing (90+) , Advanced Microeconomics (Graduate, Audit), Advanced Econometrics (Graduate, Audit)
Math: Statistics (90+), Calculus I (90+), Calculus II (Multivariable Calculus and ODE, 90), Probability Theory and Mathematical Statistics (90), Linear Algebra (90), Functional Analysis (Audit), Mathematical Modeling
Programming: Machine Learning (Fall 2025), Python Program Design, Application of ArcGIS to the economic research, Geographic Information System and Big Data
Teaching Assistant: Intermediate Microeconomics (Fall 2025)
- MicroMasters Program in Data, Economics, and Design of Policy (MIT)** **09/2024 - Present**
· Courses: Microeconomics (95), Data Analysis for Social Scientists (96), Designing and Running Randomized Evaluations (97), Foundations of Development Policy (98), Political Economy and Economic Development (Fall 2025)
- Oriel College, University of Oxford (International Summer Institute)** **07/2024**
· Courses: (3 credits) Microeconomics and Game Theory (91).

AWARDS AND HONORS

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- Dahua International Exchange Scholarship **RUC, 2025**
 - National Scholarship **Ministry of Education of PRC, 2024**
 - Merit Student **RUC, 2023 - 2024**
 - Excellent Scholarship **RUC, 2023**

RESEARCH EXPERIENCE

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- Project: Bias in Ugandan Education System (Randomized Controlled Trial)** **06/2025 - Present**
Research Assistant, Supervised by Prof. Yihong Huang (Peking University) and Dr. Yuen Ho (UC Berkeley)
- Assisted in designing and implementing a randomized experiment examining gender bias in Uganda's education system using behavioral economics frameworks.
 - Independently developed and programmed Implicit Association Test (IAT) using *iatgen* in **R** and SurveyCTO form definitions.
- Project: Green for Show, Signals in Doubt: Strategic Land Supply and Booming Urban Greens in China** **02/2025 - Present**
Independent Research
- Investigated the impact of third-party management of urban environmental monitoring stations on local government officials' decisions regarding the transfer of park and green spaces, and identified the prevalence of "green image projects" as a notable phenomenon.
 - Processed land data using **Python** and **ArcGIS**, with primary data analysis conducted in **Stata**, and supplementary analyses performed in **R**.
- Project: Employment Monitoring and Policy Simulation** **04/2024 - 12/2024**
Research Assistant, Supervised by Prof. Liqiu Zhao, Dr. Xiong Xiao et al.
(Affiliation: Bigdata and Responsible Artificial Intelligence for National Government, RUC)
- Designed and developed agent-based large language models (LLMs) to simulate the behavior of employees and employers in China's labor market, with a focus on analyzing their responses to policy shocks.
 - Conducted descriptive statistics on China's labor market using **Stata** based on the 2015 mini-census dataset.
 - Developed prompts for LLMs based on established economic models in collaboration with Ph.D. students.

The 26th “Innovation Cup” Student Extracurricular Academic Technology Works Competition

First-prize Winner, First Author, Group Leader

03/2024

- **Project:** Can Low-carbon Transition Impact Labor Migration? Empirical Evidence from Low-carbon City Pilot
- Investigated the impact of Low-carbon City Policy on labor mobility and the underlying mechanism.
- Employed the Low-carbon City Pilot as a quasi-natural experiment and used the staggered DiD based on panel data from 286 prefecture-level cities in China (2007-2019).
- Planned the timeline and delegated tasks as the group leader.
- Contributed to the development of both empirical (**Stata**) and theoretical models, culminating in a comprehensive empirical paper (won first-prize award).

Project: the Equalization of Education in Beijing

10/2023 - 12/2023

Research Assistant, Supervised by Prof. Liqiu Zhao

RUC

- Examined the evolution of educational equality in Beijing over the past few decades and to offer insights to the government on strategies to further enhance this process.
- Used **Python** and **web crawler apps** to collect and organize data and utilized **ArcGIS** for data visualization and **Stata** to derive descriptive statistics, mapping the development of primary and secondary education of different districts of Beijing over the past twenty years.

Hua'an Futures Co., LTD

07/2023 - 08/2023

Researcher, Futures Research Institute

Hefei, China

- Conducted research on agricultural products.
- Presented an analysis based on USDA data and industry case studies. The research results were acknowledged by the company and applied to the development of corn futures strategy research.
- Be invited to share experience of video production with colleagues, providing a reference for the creation of futures promotional videos.

Field Study, “Qianrenbaicun” Social Survey

08/2023

Enumerator

Miaohoucun Village, Anhui Province

- Conducted field research in a poverty-stricken rural village (*Miaohoucun*), investigating local farmers' livelihood and production conditions to assess the current state of impoverished rural areas in China.
- Developed and administered at least four detailed survey questionnaires to multiple impoverished households, collecting data on income, infrastructure, health care, education, and other living conditions.
- Achieved publicity for the study: findings were covered by local media (link: *anhuinews*), raising awareness of the village's social and economic situation.

CAMPUS EXPERIENCE/LEADERSHIP

Youth RUC

10/2022 - 04/2024

Representative/Secretary, Video Department

RUC

- Oversaw the production of the recruitment video, which entails coordinating the writing of scripts, managing the involvement of personnel, and directing the editing process. Recruited 23 new members this year.
- Be responsible for the initial filming and all post-production editing of the video entitled *College Students' classes at 8 AM* (ranking third in historical views and second in likes on the platform).

Great Expectations Association of RUC (GEA)

09/2023 - 05/2024

Vice-president of Academic Development Department

RUC

- Assumed responsibility for the recruitment work of the club and served as the liaison for guest speakers of one of the lectures organized by the club.

SKILLS/HOBBIES

Programming Languages and Tools Language

Stata, L^AT_EX, ArcGIS, Python, R, C# (basic), Matlab (basic)
Chinese (native), English (fluent)

General interests

Piano and classical music, painting, sports (badminton, running, swimming, basketball), video clip