YUYANG ZHAN

Phone: (+86) 18110632588 | Email: `zhanyuyang@ruc.edu.cn` | Website: `yuyangzhan-econ.github.io`

EDUCATION

Renmin University of China (RUC)　　　　　　　　　　　　　　**09/2022 - 06/2026**
Bachelor of Economics, Majored in Labor Economics　　**GPA**: 3.89/4.0, WES: 3.98 (ranked top 4% in cohort)

· 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

· 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

Project: Bias in Ugandan Education System (Randomized Controlled Trial)　　**06/2025 - Present**
Research Assistant, Supervised by Prof. Yihong Huang (Peking University), Yuen Ho (Trinity College Dublin)

· 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 Lands, Green Games: Strategic Land Supply and Booming Urban Greens in China
Independent Research　　　　　　　　　　　　　　　　　　　　　　　　　02/2025 - Present

· Examined how third-party management of urban environmental monitoring stations influences local government officials' land transferring decisions, and revealed that "green image projects" are a widespread phenomenon.
· Processed land data using **Python** and **ArcGIS**, with primary data analysis conducted in **Stata**, and supplementary analyses performed in **R**.
· Built an economic model based on the Monocentric City framework from urban economics.

Project: Employment Monitoring and Policy Simulation　　　　　　　　　　**04/2024 - 12/2024**
Research Assistant, Supervised by Prof. Liqiu Zhao, 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	Stata, LaTeX, ArcGIS, Python, R, C# (basic), Matlab (basic)
Language	Chinese (native), English (fluent)
General interests	Piano and classical music, painting, sports (badminton, running, swimming, basketball), video clip