

ZHU ZIYUE

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EDUCATION

Katholieke Universiteit te Leuven (KU Leuven)

September 2019 - Present

Master of Statistics and Data Science (theoretical track)

Leuven, Belgium

- Thesis: *Implement the mixed random regret minimization model in Stata* (In Progress)
- Thesis Advisor: Prof Martina Vandebroek and Álvaro A. Gutiérrez-Vargas
- Current GPA: 72.75%

Barcelona School of Economics

September 2018 - July 2019

Master of Economics (Universitat Pompeu Fabra)

Barcelona, Spain

- Thesis: *Evolution of Cooperation in Multi-level Public Goods Game with Mobility* (Graded 7.80/10.00)
- Thesis Advisor: Prof Larbi Alaoui
- Overall GPA: 7.33/10.00

School of Economics and Management, Wuhan University

September 2014 - June 2018

Bachelor of Economics

Wuhan, China

- Thesis: *Research on the Global Value Chain upgrading based on the countries along “the Belt and Road”* (Graded 88/100)
- Thesis Advisor: Prof Zhang Tianding
- Overall GPA: 86.5/100

Quinn Business School, University College Dublin

September 2016 - December 2016

Exchange with Scholarship

Dublin, Ireland

- Major: Non-EU Exchange Business

CURRENT RESEARCH INTEREST

Applied Economics

Labor Economics; Political Economics; Development Economics

Microeconomics

Topics: Human Capital; Inequality; Unemployment; Safety Net

Econometrics

Decision Science; Social Networks

Applied Machine Learning

WORKING PAPERS

- Zezhong Li, and Ziyue Zhu, “Industrial Restructuring, Environmental Regulations, and Green TFP—Evidence from 285 Cities in China,” **Under Review** at **Applied Economics Letters**

RESEARCH EXPERIENCES

Wuhan University*Research Assistant (Part-time)*

July 2019 - December 2021

Wuhan, China

- Project Name: Inter-generational Support and Children's Education
- Supervisor: Prof Guo Rufe and Prof Lin Lin
- Summary: responsible for the empirical analysis, independently worked on cleaning The China Health and Retirement Longitudinal Study (CHARLS) data sets, exploratory analysis, and Two Stage Least Squares estimations in Stata; also involved with theoretical framework, worked on the measures of education inequality.

Wuhan University*Research Assistant (Part-time)*

October 2017 – July 2018

Wuhan, China

- Project Name: Agricultural Economy in China
- Supervisor: Prof Li Zhuo and Dr Li Zhijuan
- Summary: responsible for Stochastic Frontier Analysis derivation and calculation on Northeast China agricultural economy data.

TEACHING EXPERIENCES

Wuhan University*Teaching Assistant: Undergraduate*

March 2018 - June 2018

Wuhan, China

- Courses: Data Statistics Analysis Method and Practice
- Summary: responsible for preparing exercise session materials and problem sets solutions in R.

WORK EXPERIENCES

Greatwall Strategy Consultants**Optics Valley Institute of Innovation & Development***Trainee Analyst*

March 2022 - April 2022

Wuhan, China

- supported writing bidding documents for the project established by Ezhou local government which requires industrial organization research;
- assisted with the general work of researchs on high-tech zones in Hubei Province.

**Organisation for Economic Co-operation and Development
Development Center***Social Protection team Trainee (January-June)**External Consultant (July-December)*

January 2020 - December 2020

Paris, France

- assisted with statistical programming in Stata and produce indicators for Key Indicators of Informality based on Individuals and their Household (KIIBIH) database;
- supported the general work of the Social Protection team including preparation of background papers, policy briefs and project-related outputs.

AWARDS AND HONORS

Scholarship

- **Oct 2016**, the Third Class Scholarship (top 30%)
- **Sep 2016**, Exchange Scholarship: One-semester Exchange Studies at UCD

- **Oct 2014**, the Secondary Class Freshman Scholarship (top 20%)

PROGRAMMING LANGUAGES

Statistical Languages	Stata, Mata, R, LEM, SPSS, Matlab (Neural Networks) SAS (Certificated: SAS 9.4 Base Programming)
Python skills	Machine Learning, Text Mining, Streaming Analysis (Spark)
Document preparation systems	L ^A T _E X, R Markdown
Cloud Services Platform	Microsoft Office Specialist 2013: Excel, PowerPoint, and Word
Other Software	Amazon Web Services (AWS) NetLogo (BSE thesis), Neo4j and Geophi Certificated with Bloomberg Market Concepts (BMC)

LANGUAGES

Mother tongue	Mandarin
Work sufficient	English
Basic	Spanish (CEFR A2), French (A1)

VOLUNTEER EXPERIENCES

Volunteer in Refugee Camp, Lebanon July 2016 - August 2016

- Site: Refugee Camp at Beica valley
- Summary: assisted in organizing “peace education” classes for Syria children in their summer school, which is part of the psychological research project at American University of Beirut, aiming to track the mental state of refugee children.

ADDITIONAL INFORMATION

References available upon request.