

Juncheng JIANG

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Summary

I am willing to engage in economic research as a job for a lifetime. This requires me to study further at a prestigious university as a doctoral student to qualify myself for it. Thus, applying for a doctoral program is my short-term goal currently. (Actually, a great master's program or pre-doctoral program is also acceptable.) Currently, my interests mainly lie in public economics, especially the tax system design, and I am willing to explore it in both theoretical and empirical ways. To achieve the above goals, I am still actively acquiring the fundamental knowledge and skills. ([This is a resume with a limit of two pages. You can check the detailed CV on my personal website](#))

Education

Zhongnan University of Economics and Law

Wuhan, Hubei, China

Bachelor of Arts in Economics(Major: Public Finance) School of Public Finance and Taxation Sept. 2022 - May. 2026

GPA: 3.64/4 — Weighted average score: 89.17 (Six Semester)

Relevant Courses:

Advanced Microeconomics, Intermediate Macroeconomics, Intermediate Applied Econometrics
Calculus, Probability Theory, Statistics, Linear Algebra ,Real Analysis ,Economics of the Public Sector,
Economics of Taxation , Intermediate Public Finance, Taxation System of China, Global Public Finance etc.

Courses as auditor:

Mathematical Economics, Dynamic Optimization, Game theory, Numerical Computing Method

Research Interest

Public Economics: Optimal taxation and transfer programs, Public policy and government behaviour, Public debt

Labour Economics: Wealth inequality, Social insurance and welfare, Educational acquisition

Ongoing Research

- **Tax Distortion and Monopoly Markup in Vertical Industrial Structure** (the preliminary title)
 - * This is a theoretical topic that focuses on optimal VAT(value-added-tax) system design and we hope to finish the initial version before 2025 fall. (Have reported in conferences at Peking University, Shandong University)
 - * Ideally, value-added tax is neutral, but in reality, many small companies do not have the qualifications to issue invoices, which can make VAT non neutral in this production network.
 - * The model is designed to address the issue of tax distortion between upstream and downstream enterprises in a vertical industrial structure, especially in monopolistic markets.
- **How does Digital Finance impact the level of Government Budget Management: Evidence from Financial Budget Management Integrated System.**
 - * It is an empirical paper focused on new fiscal reform issues in China. Currently, the fiscal data is based on provincial governments and we are still collecting the city-level data from 2016-2024 which is very laborious.

Research Experience (Mainly)

1.Project Participant (Under research): (NO:GZC20233146)

Dec. 2023- Present

2023 National Postdoctoral Researcher Program (C Level) Host: Dr. Xiaoxiao Wang

Wuhan, Hubei, China

- * This project focuses on *Vertical industrial structure, Heterogeneous productivity, and non neutrality of value-added tax: A study on the design framework of differential value-added tax rates.*

2.Research Assistant (Under research):

Jan. 2024- Present

Applying for the National Natural Science Foundation of China Young Scientist

Wuhan, Hubei, China

- * Mentor: Dr Xiaoxiao Wang in our school.

3.Project Leader : National Level Program (NO:202410520008)

Dec. 2023 - May 2025

the 2024 National College Students Innovation and Entrepreneurship Training Program

Wuhan, Hubei, China

- * The idea of the subject is mainly based on the reform of digital public fiscal transformation in China.

4.Interviewer and Research Assistant:

Dec. 2023 - Mar. 2024

Income Distribution and Common Prosperity Survey of Chinese Household (in Xi'an Area)

Xi'an, Shaanxi, China

- * The China Income Distribution and Common Prosperity Survey is initiated by the Institute of Income Distribution and Public Finance (IIDPF) of Zhongnan University of Economics and Law.

Academic Training (Mainly)

- 1. Online Summer School: 2025 Macro, Money and Finance** **Princeton University**
June 3 - July 7, 2025
Princeton Bendheim Center for Finance
 - * It brings students to the frontier of modern continuous time modeling techniques at the intersection between macroeconomics, monetary economics, and (international) finance.
- 2. MIT OpenCourseWare: Mathematics Real Analysis** **Massachusetts Institute of Technology**
Dec. 2024 - Present
The Undergraduate and Graduate Level course taught by Dr. Casey Rodriguez
 - * This course covers the fundamentals of mathematical analysis which helps understanding the construction of proofs.
- 3. Self-learn courses: Economics 2450a: Public Economics and Fiscal Policy** **Harvard University**
Mar. 2024 - July. 2024
The recorded broadcast of Public Economics Lectures for PhD students taught by Prof. Raj Chetty.
 - * The course covered basic issues in the optimal design of tax and social insurance policies, with emphasis on combining theoretical models with empirical evidence.
- 4. Interactive online lecturing: 23 Fall Big Data and Causal Inference Seminar** **Tsinghua University**
Oct. 2023 - Jan. 2024
The Laboratory of Computational Social Sciences and State Governance
 - The courses invite outstanding young scholars to share their experience using causal inference and big data research methods.
- 5. Summer School: Jinhe Center for Economic Research in Xi'an Jiaotong University** **University of Oxford**
July 15th - July 19th 2024
An Introduction to Python for Economic and Social Data Science by Dr. Charlie Rahal
 - The course was in a "real-time coding" format using the interactive "Jupyter Notebooks" software, with the aim of enhancing students' practical ability to solve social data science problems.
- 6. Summer School: 2024 Economic Research Oriented Addressing the Real World** **Shanghai, China**
Aug. 1st-10th 2024
Organized by Young Economist Society and Shanghai University of International Business and Economics
 - The summer school invited scholars from famous universities to lecture about how to research economics from textbooks to the real world.

Seminars Participation

- 1.567 Seminars** **June. 2024- Present**
Wuhan, Hubei, China
Supervisor: Prof. Kezhong Zhang et al.

It is committed to academic views and knowledge sharing, focusing on areas such as **global public finance, tax theory and poliseminarcy, and development economics**. The seminar hosts approximately **30 academic paper reading sessions** from **Top5** annually.
- 2. Public Economics Workshop** **Nov. 2024- Present**
Online
Supervisor: Dr. Xufeng zhao, Dr Xiaoxiao Wang et al.
 - In the periodic seminars, we delve into **the theoretical foundations of public economics and associated mathematical methodologies**, while also conducting in-depth readings and analyses of relevant literature.
- 3. Classic Economic Literature Camp (forthcoming)** **2025 Spring**
Wuhan, Hubei, China
Supervisor: Associate Prof. Weibo Yan, Assistant Prof. Qing Liu et al.
 - Unlike general seminars which track the latest paper, this camp aims to review the classic literature contributed a lot in economics, such as **Hayek(1945), Diamond(1965), Becker & Tomes(1979), Saez(2001), Eaton & Kortum(2002)** and others.

Honors and Awards

Comprehensive Recognition - Rising Star of Academic Research (April 2025)
The 15th National College Student Market Survey and Analysis Competition, 2nd Price in Hubei Province (April 2025)
China Undergraduate Mathematical Contest in Modeling(CUMCM) 2024, 2nd Price in Hubei Province (Nov.2024)
Research and Innovation Scholarship (Oct.2024)
Huazhong Undergraduate Mathematical Contest in Modelling, 2nd Price (May 2024)
School-level Excellent Student Cadre (May 2024)
University-level Individual Scholarship (Nov. 2023)
The Mathematical Competition of Senior High School of China 2021 & 2020, 2nd Price in Shaanxi Province

Extracurricular Activities

- 1. Student Research Center, Editor-in-Chief** **Sept.2022- Present**
Wuhan, Hubei, China
School of Public and Taxation(ZUEL)
- 2. Student Union Organization Department, Student Cadre** **Sept.2022- Jun.2024**
Wuhan, Hubei, China
School of Public and Taxation(ZUEL)
- 3. Volunteer Service Team, main member** **Sept.2022- Jun.2023**
Wuhan, Hubei, China
Zhongnan University of Economics and Law

Skills

- **Tools:** Stata, MATLAB, L^AT_EX, Git, Python ArcGIS
- **Languages Spoken:** Chinese (native), English (fluent)