

ZHAN JIARUI (JERRY)

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EDUCATION

Master of Public Policy

December 2022

Harris School of Public Policy, University of Chicago GPA: 3.6/4.0

Highlight: Advanced Microeconomics, Advanced Statistics and Data Analysis, Political Economy (PhD-level), Individual Study in Business (PhD-level), New Development in Public Finance (PhD-level), Analytical Politics

TA Works: PPHA 30800 Analytical Politics I: Strategic Foundation, PPHA 65560 Financial Statement Analysis for Government and Non-Profit, HIST 15100 Introductory of East Asian Civilization

Bachelor of Arts (Honor) in Philosophy, Politics and Economics (Economics Specialization)

June 2020

Arts and Science Faculty, Queen's University GPA: 3.5/4.3

Highlight: Economics: Advanced Microeconomics, Advanced Macroeconomics; **Politics:** Political Theory, Introduction to Philosophy, Politics & Economics; **Philosophy:** Minds & Machine, Logics, Metaphysics & Epistemology

Non-credit Research Summer School

August 2022

Department of Mathematics and Department of Methodology, London School of Economics

Highlight: Real Analysis, Qualitative Research Methods

SKILLS

Programming Skills: R, Python, Stata, SAS, and SQL

Linguistic Skills: Mandarin Chinese (native), English, Japanese (beginner), French (beginner)

RESEARCH PROJECTS

Publication:

Zhong, Y., **Zhan, J.**, Liu, Y. (2022). Clearing Risks and Addressing Credit Pressure in the Bond Market: Summary of Bond Market Defaults in 2021 and the Outlook for 2022. *Financial Market Research (Chinese)*, 2, 54-65, ISSN 2095-3658

Working Papers:

“Digital Community, Identity, and Behavior: An Empirical Study on an Online Community”

Work in Progress

- **Coauthor:** Professor Yixuan Liu (China European International Business School)
- **Abstract:** This project proposed to conduct an empirical study of online Q&A community, in this research, we plan to analyze the members' behavior during an identity status and privacy policy change.

“Public-Private Partnership (PPP) and the Charter Schools in the United States”

Work in Progress

- **Coauthor:** Professor Justin Marlowe (Harris School of Public Policy, University of Chicago)
- **Abstract:** This paper aims to use the traditional PPP concept to evaluate the Charter Schools in the United States. To establish the framework, we reviewed three streams of literature (1) the PPP theories, (2) the public education and education finance, and (3) the Charter School studies. Through that, we realized the current PPP models do not naturally fit in public service and proposed a public-service PPP, then have a conceptual evaluation for the Charter Schools.

RESEARCH EXPERIENCES

China Europe International Business School (Shanghai, China)

March 2023- July 2024

Research Assistant (Economics and Decision Science)

- **Research Development:** Assisted Professor Yixuan Liu on literature reviews and pioneering research in digital healthcare, e-commerce, and digital platforms; Initiated new research topics in digital healthcare, e-commerce and digital marketing, and digital platforms.
- **Data Analysis:** Conducted comprehensive data analysis with large datasets over millions-scale by R, SQL, STATA, and Python across diverse projects:
 - **Data Collection:** Extracted ride-sharing taxi data for eight months in 2021 from the NYC Taxi and Limousine Commission (TLC) and organized it; Scraped address information data for a specific area through Gaode Maps APIs integration and verified it through manual searches.
 - **Data Exploratory:** Conducted descriptive statistics on medical records from a digital health app in China for the years 2018-2021. Preliminary regression analysis was performed to glean initial insights into the dataset.
 - **Data Organization:** Collected, standardizing, and preprocessed raw transaction data from a chain restaurant backend database, totaling a million records from 2018-2023, into a panel dataset of more than one hundred million entries, produced a report on usable data variables in an operation management project.

OTHER ACADEMIC PROJECTS:

“Corporate Democracy: SEC as a Gatekeeper for Corporate Democracy”

September - December 2022

Independent Study

- **Supervisor:** Professor Luigi Zingales (Booth School of Business, University of Chicago)
- **Abstract:** We studied the SEC Rule 14a-8 (*Shareholder Proposal Rule*) since 1934, and covered topics like corporate democracy and shareholder activism. Firstly, we explored the history of the pre-SEC and the Great Merger Wave age, and then we hand-collected and reviewed the early academic compositions and legal documents of SEC in the library. Finally, we organized a complete history of SEC Rule 14a-8, identified the social context for each amendment, and demonstrated the effect of the SEC and its chairmanships in corporate democracy.

PROFESSIONAL RESEARCH EXPERIENCE:

China Bond Rating Co. Ltd (Beijing, China - Remote)

December 2021 – March 2022

Research Assistant Intern

- **Credit Rating Research:** Collaborating research projects of bond default research and market default research.
- **International Study:** Assisting analysis in peer rating agencies' credit methodologies and rating technology roadmap.

Shenwan Hongyuan Securities Research (Beijing, China)

April 2021 - August 2021

Research Assistant Intern

- **FA Business:** Collaborated with financial advisors to collect clients and business information to prepare official documents and to support clients reaching out to potential investors.
- **Industry Research:** Conducted project study, presented reports in consulting services and corporates analysis; partnered with colleagues to finish clients' interviews; presented research drafts in new energy and construction machinery industry.

China Bond Rating Co. Ltd (Beijing, China)

March 2020 - June 2020

Research Assistant Intern

- **Credit Rating Research:** Collaborated research includes but is not limited to default factors, model analysis, basic bond market analysis and industry analysis and analyzed peers' released report and methodology.
- **Business English, Data Searching and Administrative Assistance:** Reviewed official reports and publications in Chinese and English, collected and cleaned data from Wind and other public sources and supported routine works.

OTHER EXTRACURRICULAR COURSEWORK

Monetary Policy and International Finance (MPIF) Certificate Program

February - April 2021

Offered by the School of Management at Peking University and the School of Public Policy at the University of Chicago

Data & Policy Summer Scholar (DPSS) Certificate Program

June - July 2020

Offered by Harris School of Public Policy at the University of Chicago

Peking University Summer School

July - August 2017

Courses: Middle East Politics & Culture, Cognitive Science & Economics