

Cheng LIU

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EDUCATION

Xi'an Jiaotong University, China

Sep 2022 - Present

MSc in Applied Economics

Grades: 85.40/100

- Coursework: Microeconomic Theory I&II (PhD Level); Macroeconomic Theory I&II (PhD Level); Econometrics I&II (PhD Level); Financial Data Mining and Applications; Financial Computation with Simulation Method; Machine learning in Finance.

National Chengchi University, Taiwan, China

Feb 2019 - Jun 2019

Exchange Student

Grades: 91.57/100

- Courses with distinction: Macroeconomics (100), Public Finance (100), Industrial Economics-Game Theory (96), Statistics (93).

Xi'an Jiaotong University, China

Sep 2017 - Jun 2021

Bachelor of Finance

GPA: 3.91/4.3

- Courses with distinction: Linear Algebra (100), Financial Engineering (97), Financial Risk Management (95), International Finance (95), Central Banking (94), Corporate Finance (90).

PUBLICATIONS

“Economic policy uncertainty and corporate risk-taking: Loss aversion or opportunity expectations” with Cheng Zhang and Chunhong Yang.

- Published at *Pacific-Basin Finance Journal*, Volume 69, October 2021.
- Adapted from course paper of corporate strategy.

WORKING PAPERS

“Managerial Myopia and Corporate Financialization: Evidence from China” with Cheng Zhang, Chunhong Yang and Yaoying Ma.

- Under Second Round Review at *Journal of International Financial Management & Accounting*.

PROJECT & RESEARCH EXPERIENCE

Language Information Density and Corporate Carbon Intensity

Jul 2024 - Present

RA, Co-author with Prof. Yuyan GUAN, Prof. Yachang ZENG, and Chunhong YANG

NTU, Singapore

- Applying the Huffman algorithm to measure language information density based on different language versions of the Bible and Paris Agreement documents.
- Responsible for data processing, indicator construction, research design and empirical research of the project.

Banking Regulations and Borrowers' Risk-Taking

Jan 2024 - Jun 2024

RA, Supervised by Prof. Jing WEN and Prof. Jingzhi LU

CityU, Hong Kong, China

- Reviewed hundreds of literature on banking regulation, bank capital threshold and corporate risk-taking.
- Using SAS and STATA to process data from WRDS database and calculating indicators such as implied volatility.
- Applying the FinBERT model to perform sentiment analysis on the MD&A (Management's Discussion and Analysis) text in 10-K and 10-Q filings.
- Validated and deduced a game model involving banks, creditors, and speculators to identify conditions under which a short selling ban improves efficiency.

Digital Economics and International Trade

Jun 2022 - Dec 2023

RA, Supervised by Prof. Bei GAO

XJTU, China

- Collected trade import and export data and basic economic data from 108 countries, especially indicators related to digital economy.

- Constructed a Digital Economy Development Index and erected the associate relationship between the differences in digital economic development among countries and bilateral trading based on trade gravity model.
- Completed a Chinese research paper using LaTeX and MS Office, and presented it at *the Annual Conference of China society of World Economics* at the School of Economics of Fudan University in Nov. 2023.

EXTRA-CURRICULAR ACTIVITIES

Teaching Assistant Mar 2021 - Jun 2022

International Finance(#FINA420619), School of Economics and Finance, Xi'an Jiaotong University

- Assisted the professor in course preparation, homework grading, and class organizing.
- Conducted an online course on the usage guide for forex trading software (Meta trader 5).

The 34th Graduate Teaching Support Team of Chinese Youth Volunteers Jun 2021 - Jul 2022

- Team leader, supporting education at Pingbian High School in Yunnan Province, China.
- Deputy Secretary of the School Youth League Committee.
- Completed 48 weeks of teaching, totaling over 1250 class hours, and tutored around 200 students.

Award

- The Outstanding Graduate Student and Excellent Graduation Thesis 2021
- The Outstanding Student 2017-2018, 2018-2019, 2019-2020
- National Encouragement Scholarship 2018

SKILLS & LANGUAGES

Computer Skills: Stata, SAS, Python, R, LaTeX, MS Office, Zotero

Language: Chinese (native), English (fluent)