Lu, Yanhe Eddie

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EDUCATION

Olin Business School, Washington University, St. Louis, MO, USA 08/2023 - 12/2024
M.S. in Business Analytics (Financial Technology) **GPA: 3.97/4.00**
Honors: Beta Gamma Sigma, Outstanding Student Award

Central University of Finance and Economics (CUFE), Beijing, China 08/2019 - 06/2023
B.S. in International Economics & Financial Risk Management **GPA: 3.84/4.00**

RESEARCH EXPERIENCE

Empirical Corporate Finance
Research Assistant for Margarita Tsoutsoura (WashU Olin) Since 05/2024

- Developed a "skill" variable measuring the proportion of skilled labor force for each industry, used to analyze industrial effect of COVID-19 relief subsidies.
  - Constructed the variable following methodologies from empirical studies but adapted to a unique dataset and timeframe, introducing complex integration challenges.
  - Focused on resolving SOC coding mismatches across datasets, developing solutions to harmonize variations in granularity and classification systems.
  - Validated the variable by comparing its industry ranking with established literature, confirming its effectiveness in capturing labor heterogeneity while addressing structural inconsistencies.
- Used Python to help process labor participation data from Revelio Labs with UK Company House records.
- Compiled an overview of corporate board gender quota laws across European countries for future policy analysis.

Distinguishing LLM-Generated Texts Using Linguistic Dimensions
Research Assistant for Gerald Onwujekwe (WashU Olin) 01/2024 - 11/2024

- Aimed to identify linguistic markers that distinguish LLM-generated texts from human-written content by analyzing various computational linguistic dimensions.
- Processed and analyzed data using LIWC and customized linguistic dictionaries, discovered certain linguistic dimensions are effective classifiers for AI-generated texts, suggesting potential applications in financial research.

Effects of Development Initiatives on Foreign Direct Investment
Senior Thesis at CUFE 11/2022 - 05/2023

- Examined the impact of the Belt and Road Initiative on Foreign Direct Investment (FDI) across a panel of 60 countries, focusing on infrastructure improvements in transportation, energy, and education sectors.
- Employed an event study with fixed-effect regression models to compare FDI inflows before and after the initiative, controlling for variables such as GDP growth, political stability, and trade openness.
- Found that transportation infrastructure had a strong positive effect on FDI post-initiative, while impacts of energy and education investments were less pronounced, suggesting sector-specific factors influence FDI attraction.

Mechanisms and Impacts of China's National Carbon Market on Emissions
Research Analyst at International Institute of Green Finance, CUFE 02/2022 - 06/2022

- Investigated the effectiveness of China's national carbon market in reducing CO_2 emissions, focusing on pilot regions to understand the market's impact on emissions control.
- Conducted analysis using the Synthetic Control Method and counterfactual models to isolate emission reduction effects and identify primary mechanisms—energy efficiency, technological investments, and industrial restructuring—that drive reductions.
- Found that robust oversight and quota systems in certain regions significantly enhanced emissions reduction, offering valuable insights for scaling up China's carbon market strategy.

Evaluating Corporate ESG Performance in the Diamond Industry
Research Analyst at International Institute of Green Finance, CUFE 02/2022 - 06/2022

- Analyzed ESG challenges in diamond production, focusing on carbon emissions, biodiversity loss, labor practices, and conflict diamond regulation.

- Recommended sustainable practices including cultivated diamonds and governance improvements to enhance transparency and social responsibility.

Modeling Sustainable Transformation of Global Food System
Contestant (Honorable Mentions) of Interdisciplinary Contest in Modeling 02/2021
- Developed a model to support the sustainable transformation of the global food system by analyzing production, distribution, and consumption patterns worldwide.
- Simulated transformation scenarios in Python and MATLAB, incorporating factors like policy shifts, technological advancements, and logistical constraints to create dynamic, iterative models.
- Found that targeted policies significantly impact emissions and resource efficiency, providing actionable insights in a 30+ page solution paper outlining a strategic roadmap for sustainable food practices.

PROFESSIONAL EXPERIENCE

China International Capital Corporation Limited (CICC)
FICC Product Specialist 03/2023 - 06/2023
- Investment Research on CLO, ABS, & REIT: fundamental analysis, security design, market analysis.

Capital Markets Intern 06/2022 - 12/2022
- Underwriting Support on Equity/Debt/Convertibles: risk modeling and assurance, market analysis.

China Merchants Securities
Investment Banking Intern 02/2022 – 06/2022
- Securitization Products Underwriting Support: due diligence, extensive product/firm modeling & analysis.

Ernst & Young
Wealth & Asset Management Consulting Assistant 12/2021 – 01/2022
- Research Support on AMC Digital Transformation: literature reviews and roadshow assistance.

TEACHING EXPERIENCE

Teaching Assistant
Olin Business School, Washington University
- Capital Market and Financial Management (Undergraduate, for Koray Sayili) Spring 2024
- Machine Learning (Graduate, for Durai Sundaramoorthi & Gerald Onwujekwe) Spring/Fall 2024
- Advanced Corporate Finance II - Financing (Graduate, for Yaron Leitner) Fall 2024
- Financial Markets (Graduate, for Yaron Leitner) Fall 2024

OTHER EXPERIENCE

- Entrepreneurship - "Youxi" Secondary Ticketing WebApp
- Leadership - VP of Planning, CUFE Red Cross Society

COURSEWORK

- **Finance and Economics:** Corporate Finance Theory (PhD, Top of Class), Asset Pricing (PhD), Microeconomic Theory (PhD), Advanced Corporate Finance (Graduate, A+), Econometrics, Macroeconomics
- **Quantitative Methods:** Stochastic Processes, Probability and Statistics, Matrix Algebra, Calculus
- **Data and Programming Skills:** Database Design and SQL (A+), Big Data Analytics (A+), Text Mining (A+), Data Visualization (A+), Machine Learning, Python for Data Science, R for Statistical Modeling

SKILLS

- **Analytical Skills:** Proficient in Econometrics, Data and Text Mining, NLP, and Advanced Data Analytics
- **Programming:** Python, R, Stata, MATLAB, SQL, SAS, AWS, Hive, LaTeX, Web Development
- **Languages:** Mandarin (native), English (TOEFL 117/120, GRE: 165V / 170Q / 5W), French (conversational)
- **Communication:** National 2nd Prize in English Public Speaking; USAD Bronze Medal Recipient (Speech)
- **U.S. Work Authorization:** STEM-OPT (3 years)

Last updated: November 27, 2024.