



Shujie XU

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Evanston, IL - 60201, United States

EDUCATION

- **Northwestern University & Chinese University of Hong Kong** Aug. 2024 - Present
Dual M.S. in Social & Economic Policy and Applied Economics (Expected Dec. 2025) Evanston, USA & Hong Kong SAR
 - **GPA:** Northwestern 3.83/4.00 | CUHK 3.83/4.00
 - **Selected Relevant Coursework:**
 - * **Economic Theory:** Macroeconomic Analysis and Applications (A, Excellent Performance Award), Microeconomic Analysis and Applications (A), Applied Macroeconomics (A)
 - * **Econometrics & Methods:** Econometric Analysis and Applications (A), Machine Learning for Economists (A), Causal Methods for Policy Evaluation (A-)
 - * **Mathematical Methods:** Mathematics for Economic Analysis (A-)
- **Cambridge University** Jul. 2023 - Aug. 2023
Summer Academic Program - Quantitative Finance & Investment Track Cambridge, United Kingdom
 - **Grade:** A+ (93.6/100, Top 5%); **Honors:** Best Project Award | Supervisor: Prof. Andrei Kirilenko
- **Southwestern Univerisity of Finance and Economics** Sep. 2020 - Jul. 2024
Bachelor of Economics in Finance (Major), Economics (Minor) Chengdu, China
 - **GPA:** 3.60/4.00; **Average Score:** 85.00/100
 - **Selected Coursework:**
 - * **Economic Theory:** Intermediate Macroeconomics (A), Advanced Microeconomics (A-), Microeconomics (A-), Macroeconomics (A-)
 - * **Quantitative Methods:** Advanced Algebra (A-), Econometrics (A-), Programming and Python Application (A-)
 - **Thesis:** *Political Attention, Partisan Alignment, and Corporate Performance*, Grade: A- | Supervised by Prof. Yue TANG

RESEARCH EXPERIENCES

- **Research Assistant to Prof. Franklin Qian** Part-time RA, remote
University of North Carolina at Chapel Hill Feb. 2025 - Present
 - **Project:** Working paper on the impact of real estate pricing formats on market outcomes, targeting a top-tier journal. Co-authors include a Ph.D. student and professors from the University of Houston and Stockholm School of Economics.
 - **Contribution I: Data Construction - Large-Scale Administrative Data Merging**
 - * Engineered a novel 15-round fuzzy matching pipeline to merge HMDA and CoreLogic mortgage records, processing over [Number] hundred million observations ([Number] TB of raw data).
 - * The developed methodology improves upon existing literature benchmarks (e.g., Cook, 202X), achieving a final match rate of [X.X]%, a [Y] percentage point improvement.
 - * Innovated on the standard procedure by introducing [Your key innovation, e.g., a multi-level name standardization protocol], which contributed significantly to the final match rate.
 - * Documented the entire workflow in a comprehensive technical log for replication purposes.
 - **Contribution II: Feature Engineering - Novel Impatience Measure via NLP**
 - * Developed and validated a novel measure of seller impatience from unstructured text in MLS remarks using Word2Vec on a [corpus name] corpus ([Number]-dimensional vectors).
 - * Empirically confirmed the measure's economic significance: a one standard deviation increase in impatience is associated with a [Z]% decrease in final sale price ($p < 0.01$).
 - **Contribution III: Econometric Analysis & Implementation**
 - * Authored the complete Stata/Julia codebase for the paper's heterogeneity analysis, revealing that [Your key finding, e.g., the main effect is twice as large for impatient sellers].
 - * Implemented a robust econometric specification, incorporating [e.g., county-by-year fixed effects and clustering standard errors at the census tract level].
 - * Leveraged GPU-acceleration in Julia to reduce computation time for complex estimations by over [XX]
 - **Contribution IV: Academic Writing & Workflow Management**
 - * Authored the [Number]-page methodological appendix detailing the data merging and NLP procedures, including [Number] tables and [Number] figures.
 - * Managed collaborative workflow using Git/GitHub for version control on a Linux-based HPC cluster.

PATENTS AND PUBLICATIONS




C=CONFERENCE, J=JOURNAL, P=PATENT, S=IN SUBMISSION, T=THESIS

- [C.1] Your Name, et al. (Year). **Title of Conference Paper**. In *Name of Conference Proceedings*, pp. XX-XX. Publisher. Date, Location. DOI: XX.XXXX/XXXXXXX.XXXX.XXXXXX
- [S.1] Your Name, et al. (Year). **Title of Submitted Paper**. Manuscript submitted for publication in *Journal Name*.
- [P.1] Inventor 1, Your Name, Inventor 3, et al. (Year). **Title of Patent**. Patent Office, Patent No. XXXXXXXXX. Registration Date: Date, Grant Date: Date, Publication Date: Date.
- [J.1] Author 1, Your Name, Author 3, et al. (Year). **Title of Journal Article**. *Journal Name*, Vol. XX, Issue X, pp. XXX-XXX. DOI: XX.XXXX/XXXXX.XXXX.XXXXXX



SKILLS

- **Programming Languages:** Language 1, Language 2, Language 3, Language 4, Language 5
- **Web Technologies:** Technology 1, Technology 2, Technology 3, Technology 4, Technology 5
- **Database Systems:** Database 1, Database 2, Database 3
- **Data Science & Machine Learning:** Tool 1, Tool 2, Tool 3, Tool 4, Tool 5, Tool 6
- **Cloud Technologies:** Cloud Platform 1, Cloud Platform 2, Cloud Platform 3
- **DevOps & Version Control:** Tool 1, Tool 2, Tool 3, Tool 4, Tool 5
- **Specialized Area:** Skill 1, Skill 2, Skill 3, Skill 4
- **Mathematical & Statistical Tools:** Tool 1, Tool 2, Tool 3, Tool 4, Tool 5
- **Other Tools & Technologies:** Tool 1, Tool 2, Tool 3, Tool 4, Tool 5
- **Research Skills:** Skill 1, Skill 2, Skill 3, Skill 4, Skill 5, Skill 6



HONORS AND AWARDS

- **Award Name A** Month Year
Awarding Institution/Organization 
 - Brief description of the award and its significance
 - Impact or recognition associated with the award
- **Award Name B** Month Year
Awarding Institution/Organization 
 - Brief description of the award and its significance
 - Impact or recognition associated with the award
- **Competition Achievement** Month Year
Competition Name, Organizing Body 
 - Specific achievement or rank in the competition
 - Skills or abilities demonstrated through this achievement

LEADERSHIP EXPERIENCE

- **Leadership Role A** Month Year - Month Year
Organization/Institution Name 
 - Key responsibility or achievement in this role
 - Quantifiable impact or improvement made during tenure
 - Initiative taken or project led
- **Leadership Role B** Month Year - Month Year
Organization/Institution Name 
 - Key responsibility or achievement in this role
 - Quantifiable impact or improvement made during tenure
 - Initiative taken or project led

VOLUNTEER EXPERIENCE

- **Volunteer Role A** Month Year - Month Year
Organization Name 
 - Key responsibility or contribution in this role
 - Impact of your volunteer work
 - Skills developed or applied during this experience
- **Volunteer Role B** Month Year - Present
Organization Name 
 - Key responsibility or contribution in this role
 - Impact of your volunteer work
 - Skills developed or applied during this experience

PROFESSIONAL MEMBERSHIPS

• Professional Organization A, Membership ID: XXXXXXXX	Month Year - Present
• Professional Organization B, Membership ID: XXXXXXXX	Month Year - Present
• Professional Organization C, Membership ID: XXXXXXXX	Month Year - Present

CERTIFICATIONS

• Certification A	Month Year
• Certifying Body: Certification B	Month Year
• Certifying Body: Certification C	Month Year
• Certification D	Month Year

ADDITIONAL INFORMATION

Languages: Language A (Proficiency level), Language B (Proficiency level), Language C (Proficiency level)
Interests: Interest 1, Interest 2, Interest 3, Interest 4

REFERENCES

1. Reference Person 1

Job Title, Department

Organization/Institution Name

Email: email1@example.com

Phone: +X-XXX-XXX-XXXX

Relationship: [e.g., Thesis Advisor, Manager, etc.]
2. Reference Person 2

Job Title, Department

Organization/Institution Name

Email: email2@example.com

Phone: +X-XXX-XXX-XXXX

Relationship: [e.g., Project Supervisor, Colleague, etc.]
3. Reference Person 3

Job Title, Department

Organization/Institution Name

Email: email3@example.com

Phone: +X-XXX-XXX-XXXX

Relationship: [e.g., Mentor, Collaborator, etc.]