QINXIN (MARY) WU

1915 Maple Ave, Evanston, IL 60201 | (267) 595-0944 | marywu2026@u.northwestern.edu | github.com/marywu-12

EDUCATION

Northwestern University, The Graduate School, Evanston, IL — Expected 2026
Master of Science in Statistics & Data Science — *GPA: 3.67/4.00*
Relevant courses: Regression Analysis, Statistical Theory & Methodology, Introduction to Generative AI

New York University, College of Arts & Science, New York, NY — May 2024
Bachelor of Arts in Economics & Mathematics, minor in Music | Dean's List — *GPA: 3.67/4.00*
Relevant courses: Calculus III, Linear Algebra, Analysis, Theory of Probability, Introduction to Econometrics

EXPERIENCE

Research Assistant, **National University of Singapore Business School**, Singapore — May 2024 – Present
- Conduct difference-in-differences analysis and apply NLP methods such as TF-IDF and LDA to evaluate the impact of technological advancements on firms' foreign direct investment
- Explore literature around AI-driven techniques and conceptualize how they may shape firms' foreign market penetration and investment strategies

Asset Custody Intern, **China International Capital Corporation**, Beijing, China — Jun 2023 – Aug 2023
- Optimized financial reporting templates for 20+ private equity funds, improving processing efficiency significantly
- Analyzed performance and collaborated with multiple teams to support daily operations of 20+ funds

Research Assistant, **Zhejiang University School of Economics**, Zhejiang, China — Aug 2022 – Dec 2022
- Presented derivations of tax incidence models in group meetings, contributing to policy optimization discussions

Marketing Intern, **About Time Coffee**, New York, NY — Jun 2022 – Aug 2022
- Negotiated influencer collaborations and wrote Instagram content, driving ~10% monthly follower growth
- Developed social media management strategies with the CEO, boosting brand visibility and foot traffic

Sales Consultant, **UHOMES**, New York, NY — May 2021 – Aug 2021
- Provided apartment rental recommendations for 10+ clients by analyzing sales data and market trends
- Performed competitor analysis to improve sales strategies and better meet client needs

PROJECTS

2024 US General Elections Prediction — Nov 2024
- Correctly predicted the 2024 presidential election outcome using Bayesian simulation models, with large polling datasets cleaned and analyzed in Python

SKILLS

Programming: Python (NumPy, pandas, SciPy, Scikit-learn, PyTorch), R, Stata, GitHub, Jupyter
Language: Fluent in Mandarin Chinese, basic knowledge of Spanish and Korean

HONORS & AWARDS

National Merit Scholarship Finalist — 2020
UKMT Intermediate Mathematical Olympiad and Kangaroo, *Certificate of Distinction* — 2017
UKMT Intermediate Mathematical Challenge, *Gold Certificate, Best in Year, Best in School* — 2017
- Invited to UKMT Summer School for Girls at Balliol College, Oxford (selected by lottery from top 1.5% of scorers)

LEADERSHIP AND SOCIAL ENGAGEMENT

Senior Dance Instructor, **KNESIS NYU**, New York, NY — Jan 2022 – May 2024
- Led dance covers and taught classes of 50+ in attendance, with projects achieving over 80,000 views on YouTube
- Coordinated with board members to recruit new members and plan social events of more than 200 in attendance