Bo Wu

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Education

Beijing International Studies University — **Sep. 2021 – Jun. 2025**

Bachelor of Finance — *Beijing*

Undergraduate Average Score: 89.05/100, rank: 5/50

English Proficiency: TOEFL 65, CET6 473

Course Grades: Calculus 88, Linear Algebra 100, Probability Theory 97, Mathematical model 92, Financial Econometrics 88, Financial Derivatives 93, Investment 95, Data Analysis 88

Honors And Awards

China's National Postgraduate Entrance Examination (Math III): 122/150, top 1% nationwide — Dec 2024

China's National College Entrance Examination Math: 137/150, top 3% in Beijing — Jun 2021

Beijing High School Entrance Examination Math: 97/100, rank: 2/1500 — Jun 2018

Research And Work Experience

GF Qianhe Investment Co., Ltd. — **Dec. 2024 – Mar. 2025**

Project Management Intern — *Xicheng District, Beijing*

- Collected and structured key data for investment projects, including industry benchmarks and financial indicators.
- Supported strategic placement work for Beijing Stock Exchange listings through data validation and process tracking.
- Created project tracking tools in Excel and contributed to status reports for internal decision-making.

Huaxi Securities Co., Ltd. — **Jun. 2024 – Sep. 2024**

Wealth Management Assistant Intern — *Xicheng District, Beijing*

- Performed data analysis on client portfolios to support customized investment recommendations.
- Prepared daily market briefs and macroeconomic dashboards using Excel and public financial data.
- Assisted in evaluating client risk profiles and aligning financial products accordingly.

China CITIC Bank — **Sep. 2023 – Dec. 2023**

Corporate Banking Assistant Intern — *Chaoyang District, Beijing*

- Assisted in client onboarding, documentation review, and account setup for corporate clients.
- Supported credit application processes by organizing financial reports and preparing due diligence materials.
- Collaborated with operations and compliance teams to improve workflow efficiency and data accuracy.

Selected Course Projects

Climate Risk and Corporate Asset Value | *Matlab, Stata* — **March 2025**

- Investigated the impact of extreme weather on firm asset value using daily U.S. climate data (NOAA) from 2005–2014, focusing on temperature extremes ($>$30℃ and $\leq$-10℃) within a constructed 5℃ temperature box.
- Applied fixed-effects panel regression to estimate the negative effects of extreme heat and cold on corporate asset values; benchmark results were robust to lagged weather variable tests.
- Conducted heterogeneity analysis by ownership and industry, showing that SOEs are less vulnerable due to policy preference, while foreign-funded firms show high climate resilience.
- Found heavy manufacturing sectors (e.g., steel, communications) most sensitive to extreme temperatures, revealing industry-specific vulnerability to climate risk.
- Provided actionable insights for corporate and policy-level climate risk management and sustainable development strategy formation.

Performance and Forecasting of the NASDAQ Composite Index | *Stata, R* — **Sept. 2024**

- Conducted a time series analysis of the NASDAQ Composite Index (2019–2024), including calculation of 30-day rolling growth rates and volatilities.
- Applied ARMA(4,4) and ARIMA(2,1,2) models for in-sample and out-of-sample forecasting of index growth rate and volatility, with performance evaluation via diagnostic plots and forecast accuracy metrics.
- Tested for stationarity and identified the growth rate as stationary at the 1% level, justifying model selection under the $I(0)$ assumption.

- Modeled leverage effects in NVDA and MSFT using EGARCH; constructed a VAR model and performed Granger causality and impulse response analysis to explore inter-stock dynamics.

Impact of Environmental Liability Insurance on Industrial Emission Reduction | *Stata* **Dec. 2023**

- Analyzed provincial panel data (2010–2020) using a two-way fixed effects model to assess the effect of environmental liability insurance on industrial carbon emissions.
- Found that environmental liability insurance significantly reduced carbon emissions at the direct level, with heterogeneous effects across regions.
- Observed weaker indirect effects in both financially developed and underdeveloped regions, highlighting limitations in financial channel transmission.
- Identified stronger emission-reducing effects in industrially developed areas via heterogeneity analysis.
- Proposed targeted policy recommendations to expand insurance coverage, foster innovation in insurance products, and enhance industrial structure.

Policy Impact Evaluation of Brazil's Zero Hunger Program | *Python* **June 2023**

- Evaluated the effects of the Zero Hunger Program on income distribution in Brazil during the Lula administration using a breakpoint regression framework.
- Utilized data from the Brazilian Ministry of Development and CEIC Brazil In-Depth Database to perform descriptive and causal analysis on income inequality trends.
- Found that the program significantly reduced income inequality and provided substantial income security for low-income groups.
- Identified greater income gains among the male working-age population, reflecting gender-differentiated effects of the policy.
- Validated findings through sensitivity analysis and highlighted implications for future social policy design.

武博

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背景

北京第二外国语学院，金融学本科 2021.09 - 2025.06

- **成绩**：89.05/100，排名 5/50
- **英语**：TOEFL(65)，CET6(473)
- **课程**：数学分析 (88), 高等代数 (100), 概率论与数理统计 (97), 数学模型 (92), 金融计量 (88), 金融衍生工具 (93), 投资学 (95), 数据分析 (88)

荣誉

中国研究生入学考试（数学 III），*122/150*，中国前 *1%.* 2024.12

北京高考数学，*137/150*，北京前 *3%.* 2021.06

北京中考数学，*97/100*，排名 *2/1500.* 2018.06

经历

广发乾和投资有限公司，项目管理部实习生 2024.12 – 2025.03

- 参与多个项目投前、投中管理流程，包括资料收集、尽调支持与会议纪要撰写。
- 协助开展北交所战略配售项目，对企业定价机制、询价流程及配售安排进行研究与分析。
- 独立完成部分项目跟进表格与阶段报告，培养了扎实的项目管理与文档处理能力。

华西证券股份有限公司，理财规划师助理 2024.06 – 2024.09

- 协助理财经理为客户制定资产配置建议，涵盖基金、债券、结构化产品等。
- 参与客户投资风险偏好测评与后续跟进，提升了客户画像分析与沟通能力。
- 整理每日市场热点信息与宏观数据，撰写简要投资晨报供客户与团队参考。

中信银行北京分行，对公客户经理助理 2023.09 – 2023.12

- 协助客户经理开展对公客户关系维护与基础金融服务，包括账户管理、资料审核与开户流程跟进。
- 参与整理授信材料、贷前资料准备、客户尽职调查记录，提升了对银行信贷流程的理解。
- 与后台部门沟通配合，提高了在高压金融环境中的协调与沟通能力。

科研

气候风险与企业资产价值，Matlab, Stata 2025.03

- 基于 2005–2014 年美国 NOAA 每日气候数据，构建 5℃ 温度区间，研究极端高温（>30℃）与严寒（$\leq$-10℃）对企业资产价值的影响。
- 运用固定效应面板回归估计极端气温对企业资产价值的负向影响，实证结果在加入滞后天气变量后依然稳健。
- 开展所有制与行业异质性分析，发现国有企业受政策偏好影响较小，外资企业展现出较强的气候适应能力。
- 重工业企业（如钢铁、通信）对极端温度最为敏感，揭示行业层面的气候风险暴露差异。
- 为企业气候风险管理与可持续发展战略提供可行建议，具备政策参考价值。

纳斯达克综合指数的表现与预测，Stata, R 2024.09

- 基于 2019–2024 年数据，对纳斯达克综合指数进行时间序列分析，计算 30 日滚动增长率与波动率。
- 构建 ARMA(4,4) 与 ARIMA(2,1,2) 模型，分别进行样本内与样本外的指数增长率与波动率预测，并通过诊断图与预测精度指标评估模型性能。
- 进行平稳性检验，发现增长率序列在 1% 显著性水平下平稳，合理采用 $I(0)$ 假设下的建模方法。

- 采用 EGARCH 模型分析 NVDA 与 MSFT 的杠杆效应，构建 VAR 模型并进行 Granger 因果检验与脉冲响应分析，探究个股间动态联动关系。

环境责任保险对工业减排的影响，Stata　2023.12

- 基于 2010–2020 年省级面板数据，构建双向固定效应模型，评估环境责任保险对工业碳排放的影响。
- 结果表明环境责任保险在直接层面具有显著的减排效应，且在不同地区呈现异质性。
- 在金融业较发达与较欠发达地区，间接影响效果均较弱，体现出金融渠道传导的局限性。
- 异质性分析发现，工业化程度较高地区的减排效应更为显著。
- 提出有针对性的政策建议，如扩大保险覆盖范围、推动保险产品创新与提升产业结构水平。

巴西“零饥饿”计划的政策影响评估，Python　2023.06

- 运用断点回归方法，评估卢拉政府时期“零饥饿”计划对巴西收入分配的影响。
- 使用巴西发展部与 CEIC 宏观数据库数据，开展收入不平等趋势的描述性与因果分析。
- 结果显示该计划显著缓解了收入不平等，增强了低收入群体的收入保障。
- 发现政策对男性劳动年龄人口的收入提升更为明显，揭示了性别差异化的政策效应。
- 通过稳健性检验验证核心结论，并提出对未来社会政策设计的参考建议。