Bo Wu

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Education

Beijing International Studies University — **Sep. 2021 – Jul. 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

University of California, Los Angeles — **August 2023 – December 2023**
Exchange student — *Los Angeles, California*

- The instrumental variable method is used to analyze the short-term causal relationship between COVID-19 and wages. It is found that the epidemic has a significant positive impact on wage levels in the short term.
- Multiple mechanism explanations are proposed, and the robustness and external validity of the results are verified.

CITIC Securities Co., Ltd. — **May 2024 – August 2024**
Market Research Intern — *Chaoyang, Beijing*

- Conducted industry and market data research, assisted in drafting research reports, and evaluated market trends.
- Quickly acquired knowledge of securities market operations and industry practices, helping the team produce multiple high-quality research reports.

Grant Thornton International Ltd. — **June 2022 – August 2022**
Tex Intern — *Chaoyang, Beijing*

- Participated in the annual financial audits of client companies, assisting in the collection and analysis of financial data and the preparation of audit reports.
- Utilized professional knowledge and analytical skills to address multiple complex issues encountered during audits, thereby enhancing audit efficiency and quality.

Selected Course Projects

Financial quantitative analysis and forecasting | *Stata, R* — **June 2024**

- Forecast returns and volatility with ARMA, show stats and suggest investments.
- Analyze CSI 300 futures returns and CPI growth with VAR and Granger tests to explore their relationship.
- Compare large/mid/small-cap returns, test volatility and leverage with GARCH/EGARCH.

Applied Mathematical Modeling | *Matlab, Python* — **May 2022**

- Solve the problem of hospitals ordering vascular robots and optimize their operating costs.
- Analyze the weathering of glass artifacts and classify them based on chemical composition.

Regression discontinuity evaluation of 'Zero Hunger's effectiveness under Lula | *Python* — **November 2023**

- Studies the impact of the Zero Hunger Program under Lula's administration in Brazil on income inequality.
- Using regression discontinuity analysis, it evaluates how the program improved the income of the poor and narrowed the wealth gap.

Environmental liability insurance's impact on industrial carbon emissions | *Python* — **October 2024**

- Analyzes China's provincial panel data from 2010 to 2020 and uses a two-way fixed effect model to study the impact of environmental liability insurance on industrial carbon emissions.

武博

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北京第二外国语学院 7 号宿舍楼, 100024

背景

北京第二外国语学院，金融学本科 2021.09 - 2025.07

- **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

University of California, Los Angeles，交换项目 2023.09 - 2023.12

- 使用工具变量法分析 COVID-19 对工资的短期因果关系，发现疫情短期内显著正向影响工资水平，提出多种机制解释，并验证结果稳健性与外部有效性.

中信证券股份有限公司，市场研究 2024.05 - 2025.08

- 进行行业及市场数据调研，协助撰写研究报告，评估市场趋势.
- 快速掌握证券市场运作和行业惯例，帮助团队出具多份高质量研究报告.

致同会计师事务所，税务实习 2022.06 - 2022.08

- 参与客户公司年度财务审计，协助收集、分析财务数据并编制审计报告.
- 运用专业知识和分析能力解决审计过程中遇到的多项复杂问题，提高审计效率和质量.

科研

金融计量分析与预测，Stata, R 2024.06

- 用 ARMA 模型预测收益率和波动率，展示统计图表并提投资建议.
- 分析沪深 300 期货收益率与 CPI 增长率，用 VAR 模型和格兰杰检验探索两者关系.
- 比较大中小盘股收益率，用 GARCH 和 EGARCH 检验波动与杠杆效应.

应用数学建模，Matlab, Python 2022.05

- 解决医院订购血管机器人问题，并优化其运营成本.
- 分析玻璃文物的风化情况，并根据化学成分对其进行分类.

基于断点回归对卢拉政府时期“零饥饿”计划的效果评估，Python 2023.11

- 研究了巴西卢拉政府时期实施的“零饥饿”计划对收入不平等的影响。
- 研究通过断点回归分析方法，评估该计划如何改善贫困人群的收入状况，并缩小贫富差距.

环境责任险对工业碳排放量的影响价值研究，Python 2024.10

- 分析 2010-2020 年中国省级面板数据，采用双向固定效应模型研究了环境责任险对工业碳排放的影响.