

# Curriculum Vitae

Jiayi Teng

PhD in Economics

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## Education

**Duke University** Durham, NC, USA  
M.A. in Economics Expected May 2026

**Beijing University of Technology** Beijing, China  
B.A. in Finance Minor in Law June 2024

**University College Dublin (joint degree)** Dublin, Ireland  
B.S. in Economics June 2024

## Research Experience

**Teaching assistant** Spring 2025  
Professor **Preyas S. Desai**, Duke Fuqua Business School Durham, NC, USA

- Conducting online assessments for Professor Preyas S. Desai in his MBA course Marketing Management
- Holding final essay grading process, participating in standardize the metrics, and providing office hours

**Undergraduate Research Assistant** Spring 2023  
Professor **Junxue Jia**, School of Fiscal Finance, Renmin University of China Beijing, China

- Assisted in data collection and preliminary analysis for a project on local government governance reform
- Conducted literature reviews on decentralized finance institutional design and economic development in China
- Gained foundational exposure to the challenges of large-scale economic research

## Research Projects

**Master's Capstone: Homework Incentives and Student Performance** Spring 2025  
Advisor: Professor **Atila Abdulkadiroğlu**, Duke University

- Reviewed previous research in homework design and its potential effects on students' educational performance. Introduced the homework-exempt policy in the study context.

- Collected, cleaned and analyzed panel data using Stata, managed relative variables, employing Difference-in-Difference regression models in staggered form
- Analyzed results and drawbacks of the experiment

#### **Course Project: Study Design and Causal Inference**

**Fall 2025**

Advisor: Professor Jerome P. Reiter, Duke University

- Designed a survey to analyze characteristics of Universities in United States, such as median earnings, with a multi-stage stratified sample
- Designed a randomized experiment to learn the potential causal effects on paper helicopter's performance, with fractional factorial experiments
- Collected, cleaned and analyzed data using R, and did accuracy analysis

## **Technical Skills**

- **Programming:** Stata, R, Python, LaTeX
- **Econometric Methods:** Causal Inference, Panel Data Analysis, Fixed/Random Effects Models, Study Sampling Design

## **Professional Experience**

### **Strategy Intern**

China Merchants Securities Research Institute

**May 2025 - Sep 2025**

Shanghai, China

- Teamwork on industry research and co-authored multiple thematic strategy reports, including: Globalization prospects of innovative pharmaceuticals; Development and market size of China's card game merchandise industry
- Produced weekly individual stock commentaries in the Strategy Analysis Department, analyzing price movements from fundamental, policy, and news-based perspectives; Participating in group presentations
- Collaboration to complete the team's weekly strategy briefings

### **Security Researcher Assistant**

Cinda Securities

**Jul 2023 - Oct 2023**

Beijing, China

- Valuation Analysis: Performed independent project return analyses, interpreting financial metrics like post-tax operating profit margins, sales growth rates, and debt ratios to assess company fundamentals
- Investment Forecasting: Used SWOT and Porter's Five Forces models to analyze technical advantages, market position, brand impact, and competition. Utilized Excel for data visualization and SQL for sensitivity analysis to ensure robust results