

Furong Guo

MASTER'S STUDENT · ECONOMICS

Southern Methodist University, 3300 Dyer Street, Dallas, TX 75275

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Education

Southern Methodist University

Dallas, TX

MASTER OF SCIENCE - APPLIED ECONOMICS AND PREDICTIVE ANALYTICS

Aug 2024 - Present

- GPA: 3.837/4
- Econometric, Economic Analysis, Economic Growth
- Real Analysis, Statistical Analysis, Machine Learning in Python

Southern Methodist University

Dallas, TX

BACHELOR OF SCIENCE - ECONOMICS WITH FINANCIAL APPLICATION

Aug 2020 - May 2024

- GPA: 3.456/4
- Introduction to Econometric, Causal Inference
- Consolidate Calculus, Introduction to Linear Algebra
- Intro Statistical Methods, Statistics for Engineers, Practical Intro Data Science

Work Experience

Department of Economics, Southern Methodist University

Dallas, TX

UNDERGRADUATE ADVISING ASSISTANT

Aug 2024 - Present

- Supported departmental administration, including monitoring email inbox, replying over 200 emails every semester, improving and updates departmental website using Sitecore, event organization, and department maintain.
- Assisted in undergraduate academic advising and developing new procedural workflows with Excel, conducted annual report with Python and PowerPoint, and designed flyers for advertisement.

Department of Economics, Southern Methodist University

Dallas, TX

RESEARCH ASSISTANT TO PROF. PRASANTHI RAMAKRISHNAN

Jun 2025 - Dec 2025

- Led the transition of the research workflow from Stata to Python, modernizing data analysis practices and improving code reproducibility with pipeline design.
- Developed automated data-processing pipelines to clean, merge, and visualize datasets from multiple sources, enabling efficient cross-country indicator comparison. Over 60 years CPS data was processed and cleaned
- Prepared methodological documentation and analytical summaries to support ongoing quantitative analysis. Recorded each meeting notes and document for future reference.

Department of Economics, Southern Methodist University

Dallas, TX

RESEARCH ASSISTANT TO PROF. DANIEL MILLIMET

Jun 2025 - Aug 2025

- Supported research on county-level determinants of child labor using heterogeneous datasets from multiple public and private sources. Over 15 sources are collected and cleaned.
- Integrated and cleaned large-scale datasets with inconsistent formats and documentation, developing efficient data pipelines to ensure consistency and reproducibility.
- Streamlined the data preparation process, saving substantial time for the research team and ensuring project continuity during the teammates' medical leave.

Awards, Fellowships, & Grants

2025 **Thomas B. Fomby Graduate Award of Excellence**, Southern Methodist University

\$5,000

Honorees of Chapter of Omicron Delta Epsilon (ODE), Southern Methodist University

Extra Curriculum & Professional Development

Coursera Certificate: Supervised Machine Learning: Regression and Classification at Jun 10, 2024. Verify at Coursera.