Aerfate Haimiti
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Education

Ph.D. Economics, University of South Carolina, 2026 (expected)

M.S. Economics, University of Nebraska at Omaha, 2020

M.A. Economics, University of New Hampshire, 2018

B.A. Actuarial Science, University of Nebraska at Lincoln, 2017

Selected Research Projects

Road Infrastructure and Retail Markets – Job Market Paper. Analyzes how interstate highways affect retail prices, product quality, product variety, and consumer welfare using large-scale scanner data. Employs an instrumental-variables strategy based on historical transportation networks and conducts cost–benefit analysis of expanding the interstate highway system.

Regional Price Indexes and Stimulus Payments Allocation. Constructs regional and income-group-specific price indexes from barcode and household survey data within a non-homothetic CES framework. Examines how cost-of-living differences alter the real effects of fiscal transfers.

Uniform Brand Variant Pricing and Cost Pass-Through to Retail Prices. Studies price uniformity within brands using detailed scanner data and U.S.–China tariff variation as an instrument for input costs. Combines theoretical and empirical models to analyze how multi-product firms transmit cost shocks to consumer prices.

Learning from 25 Years of Changes in Business Tax Policy (forthcoming, *Public Budgeting & Finance*). Reviews major reforms to U.S. business taxation and synthesizes empirical evidence on investment incentives, international taxation, corporate financial policy, pass-through entities, compliance, and related issues.

Mobile Internet Growth and Services Trade. Investigates how internet connectivity and mobile broadband expansion influence international services trade. Uses a two-stage structural gravity model for over 100 countries to estimate the relationship between internet access and bilateral trade flows across sectors.

Selected Applied Projects

Athlete Injury Risk Model — University of Nebraska Omaha. Developed a predictive modeling pipeline using machine-learning methods to identify factors associated with athlete injury risk and inform training decisions.

Café Staffing Forecast — UNO Stedman's Café. Applied machine-learning and time-series approaches to forecast customer traffic and improve staff scheduling for a university café.

Teaching & Communication

Primary Instructor, *Introduction to Economics* (4 semesters); received strong student evaluations.

Teaching Assistant for Econometrics, Labor Economics, Quantitative Methods, and International Trade; experienced in explaining technical analysis to non-specialist audiences.

Technical Skills

Computer Skills: Python, R, Julia, MATLAB, SAS, Stata, Git, EViews, LaTeX

Methods: Causal inference (IV, DiD, RD), structural modeling, demand estimation, time series, machine learning, cost–benefit analysis

Languages: English, Uyghur, Chinese