

UMER SOHAIL

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EDUCATION

University of Delaware

Expected May 2027

Ph.D. Economics

M.S. Economics and Applied Econometrics

May 2024

Lahore University of Management Sciences (LUMS)

May 2021

BSc (Honors) Economics Minor: Mathematics

SKILLS

STATA, R, Python, SQL, LaTeX, Excel

WORKING PAPERS

- *The Impact of Trade Liberalization on Manufacturing Firms: Evidence from Pakistan.* [Abstract]
- *Contracts, Dispute Resolution, and Firm Productivity: Evidence from India.* [Abstract]

RESEARCH EXPERIENCE

University of Delaware

Research Assistant

June 2025 – Present

- Developed code to build a PSID panel, converting raw data into a usable format for analysis.
- Developed a comprehensive replication file to ensure reproducibility of research findings.
- Gained proficiency in handling large-scale panel data while strengthening programming skills.

Research Assistant

June 2024 – Present

- Collaborating as coauthor with Prof. Rao developing skills in academic research and writing.
- Cleaning and merging firms financial data using Stata and R improving match rates for final analysis.
- Developed and applied empirical strategies—such as Judge IV to identify causal effects.

University of Manchester

July 2021 – Aug 2021

Research Assistant

- Extracted administrative tax data by employing web scraping techniques and data cleaning tools.
- Strengthened data handling, and empirical research specifically causal inference skills.

INDUSTRY EXPERIENCE

Unison Infrastructure

Aug 2021 – July 2022

Data Researcher

- Led geospatial data collection and processing efforts, supporting data-driven investment decisions.
- Designed and maintained pipelines to clean and integrate satellite and administrative data.
- Collaborated with cross-functional teams, demonstrating strong interdisciplinary communication and problem-solving skills.

Center for Economic Research in Pakistan (CERP)

Jan 2020 – Feb 2020

Data Researcher

- Supported the external clients by delivering actionable insights from large-scale educational datasets.
- Cleaned, merged, and analyzed survey and operational data, enabling clients to identify key trends.
- Enhanced stakeholder engagement by collaborating with partners to refine data collection and align KPIs with organizational goals.