

UMER SOHAIL

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EDUCATION

University of Delaware

PhD. Economics

Expected May 2027

M.S. Economics and Applied Econometrics

May 2024

Lahore University of Management Sciences

May 2021

BSc (Honors) Economics

CGPA:3.6(Distinction), SCGPA(Major):3.86

Minor: Mathematics

SKILLS

Programming Languages and Frameworks

STATA, R, Python, LaTeX, Excel, Solver

EXPERIENCE

World Bank Group

July 2024 - Currently

Consultant at Enterprise Analysis Unit

- Assisted with data quality control, survey design, sampling of formal firms and micro businesses.
- Responsible for creating country reports, and optimizing sampling design using Excel's Solver add-on to meet criteria across different strata.
- Enhanced my skills in quality control, survey methodology, data analysis, statistical sampling, and the application of optimization tools like solver.

University of Delaware

August 2022 - Currently

Teaching Assistant

- Assisted students, graded assignments, and enhanced communication skills for complex concepts.
- Supported courses: Econometrics Theory II, Microeconomics Theory I, Economics of Developing Countries, Banking and Monetary Policy.

Research Assistant

June 2024 - August 2024

- Assisted Prof. Manaswini Rao on "Contracts, Dispute Resolution, and Firm Productivity: Evidence from Commercial Courts in India".
- Cleaned and merged 50,000+ observation datasets using Stata, enhancing large data handling skills for publishable research.

Research Assistant

July 2021 - August 2021

- Scrapped data from various resources and converted it to Excel and Stata formats for further analysis.
- This experiences enhanced data extraction and research skills through hands-on experience with research projects.

Research Assistant

September 2020 - October 2020

- Analyzed the relationship between Covid-19 cases and demographic conditions across South Asian countries including Pakistan, Bangladesh, and India at the Center for Economic Research Pakistan (CERP).
- Utilized Stata extensively for comprehensive data cleaning, analysis, and visualization.
- Enhanced statistical analysis skills and improved ability to interpret complex data sets through hands-on experience with pandemic-related research.

RELEVANT COURSES

Econometrics Theory, Macroeconomics Theory, Microeconomics Theory, Labor Economics, Industrial Organization, Development Economics, Experimental Economics, Statistical Learning I