

ANISHA JAIN

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EDUCATION

PhD – Economics , Northern Illinois University (NIU) – DeKalb, IL, US <i>Specialization: Labor Economics, Econometrics</i>	Aug 2020 – May 2026
Master of Science – Statistics , Northern Illinois University (NIU) – DeKalb, IL, US	Aug 2020 – May 2025
Master of Arts – Economics , University of Wisconsin – Milwaukee (UWM), WI, US <i>Specialization: Econometrics, Industrial Organization, Time Series Analysis</i>	Sep 2017 – May 2019
Bachelor of Science (Research) – Economics , Shiv Nadar University (SNU), UP, India	Aug 2013 – May 2017

SKILLS AND CERTIFICATES

Econometrics:	Regression, Forecasting, Time Series Analysis, Panel Data Analysis
Technical Skills:	R, SAS, Stata, Python, LaTeX, Julia, Tableau, Excel, PowerPoint
Certificates:	Introduction to R (DataCamp), Introduction to Tableau (DataCamp), Microsoft Excel (LinkedIn Learning)

EXPERIENCE

Workforce and Organizational Research Center, IL, Data Analyst <ul style="list-style-type: none">● Automated data cleaning, analysis, and Word report generation in R to reduce manual workload by over 70%.● Analyzed qualitative and quantitative data in Excel and R to deliver summary reports and key insights.● Provided statistical consulting and conducted ANOVA and Tukey test to deliver key insights to clients.● As a Master's Student Practicum Supervisor, developed data analysis plan and supervised implementation and reporting.● <i>Skills: R, Excel, PowerPoint, Data Analysis, Regression, ANOVA, Tukey Test, Tableau, Report writing, Leadership, Qualitative Analysis, Quantitative Analysis</i>	Feb 2024 – Present
NIU Dept. of NNGO, DeKalb, IL, Data Analyst (Research Assistant) <ul style="list-style-type: none">● Co-authored the 2021 DeKalb County Nonprofit Study (third edition) in collaboration with NIU's Center for Nonprofit & NGO (NNGO) Studies and DCNP● Led data analysis using excel for 50+ organizations to assess community needs, service capacity, and post-COVID resilience across local nonprofit sector.● Created interactive Excel dashboards (pivot tables and charts) to visualize key findings for the client.● Performed robustness checks using U.S. Census data to validate the accuracy of results.● <i>Skills: Excel, Data Analysis, Data Visualization, Report writing</i>	Oct 2020 – Dec 2020
LanzaTech Inc., Skokie, IL, Intern (Business Development) <ul style="list-style-type: none">● Automated daily price data monitoring from Bloomberg Database to reduce the manual work by over 80%● Delivered price trend forecasts using interactive Excel dashboards visualizing 10+ years of pricing data.● Reduced data extraction costs by 50% through evaluation and implementation of cost-efficient data sources.● Led independent research and presented key insights from quantitative and qualitative data on sustainability approaches for client review.● <i>Skills: Excel, PowerPoint, Market Research, Quantitative analysis, Bloomberg Terminal, Teamwork</i>	Oct 2019 – June 2020

TEACHING EXPERIENCE

NIU Dept. of Economics, DeKalb, IL, Teaching Assistant Lead Instructor <ul style="list-style-type: none">● Independently taught and delivered weekly lectures in graduate-level Microeconomics course for 7 students.● Designed and administered course exams, evaluated student performance, and provided academic support.● Fostered student engagement and strengthened understanding of advanced microeconomic theory. Teaching Assistant <ul style="list-style-type: none">● Held office hours twice a week to provide academic support and conducted grading for 7+ graduate students.● Delivered weekly lectures to 7+ students in graduate-level Math and Microeconomics courses.	Jan 2021 – May 2025
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- Assisted with **weekly zoom lectures** for Environmental Economics and managed a cohort of 30+ students
- Recognized with the **Outstanding TA Award** by the NIU Department of Economics for excellence in teaching and student engagement.

RESEARCH EXPERIENCE

Evaluating Role of Household and Individual Characteristics on Female Labor Force Participation: Case of MGNREGA

Master's Thesis, Department of Statistics and Actuarial Science (2025)

- Examined complex family dynamics and household characteristics affecting female labor force participation after government intervention through employment guarantee program (MGNREGA)
- Employs 5 logit models to evaluate the role of household and individual characteristics on likelihood of labor force participation, female labor force participation, government employment, permanent employment and MGNREGA employment.
- The findings from Indian Human Development Survey (IHDS) Panel Data for 185180 households in Survey I and 191037 households in Survey II revealed an increase in 24%-25% likelihood in labor force participation and 72%-77% decrease in female labor force participation compared to their male counterparts.
- *Skills: R, Logit Regression Analysis, Panel Data, Policy Analysis*

ACTIVITY AND VOLUNTEER WORK

- Secretary, Association of Graduate Economic Students (AGES), NIU (2023 - 2025)
- Founding Member, Student Association of India, UWM (2018 – 2019)
- Climate Counsellor, International Center for Culture and Education (2015 – 2016)
- Student Guide, Counseling Services, SNU (2015 – 2016)