

Aarti Malik

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Education

M.A. Economics, Delhi School of Economics

Grade: Merit | Dr. Manmohan Singh Fellow

Selected coursework: Econometric Methods, Game Theory I, Topics in Economic Theory, Impact Evaluation Methods, Behavioral Economics, Mathematical Methods in Economics, Microeconomic Theory 2020-2022

B.A. (honours) Economics, Miranda House College, DU

Minor: Mathematics | Grade: Merit

Selected Coursework: Real Analysis, Data Analysis, Statistical Methods in Economics, Mathematical Economics, Intermediate Microeconomics - II, Development Economics - I & II, Linear Algebra, Differential Equations 2017-2020

Technical Skills

Stata, R, Python, SurveyCTO, HTML, Qualtrics, Web Scraper, L^AT_EX

Research Experience

Research Professional for Professor Delphine Samuels, The University of Chicago Booth School of Business July 2022 - present

- Using NLP tools and computer cluster to analyze 20,000+ financial disclosure documents
- Cleaning massive geospatial data at the county level
- Creating a meaningful county-level dataset for years 1992 through 2021 using 15 unstructured Census and other datasets

Research Assistant for Professor Supreet Kaur, UC Berkeley July 2020 - present

- Providing data assistance for a long daily diary study. Deployed questionnaire on qualtrics and coded the distribution program
- Currently providing assistance on a detailed literature review paper on *Poverty and Psychology*, and conducted literature search for an applied behavioral econ project studying drug addiction in Punjab, Haryana
- Conducted dataset search by scraping text data from abstracts of 1000+ papers in multiple economics journals
- Other: Providing L^AT_EX assistance, worked on tight deadlines multiple times

Research Assistant for Professor Ram Singh, Delhi School of Economics July 2020 - July 2022

- Assisting with estimating various measures of the richest Indians' equity wealth and replicating Forbes' methodology to estimate individuals' wealth
- Collected data and performed data analysis for "Land For Development: Market versus Non-market Mechanisms"
- Collected data to be used for a project on India's wealth distribution
- Other: Proofreading, editing, formatting using L^AT_EX

Data Scientist Intern, Dvara Research

April - August
2021

- Built statistical models to answer questions about financial exclusion due to the Covid shock
- Produced 150+ data visualizations including spatial data visualizations, using R
- Analyzed Centre for Monitoring Indian Economy's large datasets on a daily basis for more than 4 months
- Ran analyses for the State of Exclusion Report; reported and presented data findings regularly

Research Assistant for Ronak Jain, Harvard University

December
2019 - January
2021

- Assisted in fieldwork for a scoping study; interviewed street children and their parents; preparing interview summaries on a daily basis
- Conducted very detailed reviews of 15+ experimental economics papers. Reported and discussed papers, the research design, and the identification strategies in weekly meetings
- Assisted on an RCT studying misperceptions around mental health in low-income communities; supervised a team of 6 research interns, conducted phone surveys

Other Professional Experience

UNDP Delhi: *Research Intern*

October 2019 - November 2019

Centre for Science and Environment: *Research Intern*

June 2019 - July 2019

PRS Legislative Research: *Data Analysis Intern*

May 2019 - June 2019

WWF India: *Volunteered to collect and enter data for an RCT*

February 2018 - September 2018

Awards and Honors

Member, Committee of Courses and Studies for Honours, Postgraduate, and Research Studies in Economics

April 2022

Dr. Manmohan Singh Fellow, Delhi School of Economics

February 2022

Rank 1 among 300+ students in M.A. program at Delhi School of Economics

Research Grant, Institute of Economic Growth, with Meet Mehta

Awarded 60,000 INR to study behavioral drivers of differences in early labor market outcomes of first-generation students and non-first-generation students

June 2021

College Publications

Using Expected Utility to Model a Murderer's Behavior: A Game-Theorist's Approach, (produced under the Research Programme, Department of Economics, Miranda House College), *Aapoorti*, 10(1), 2020, pp. 54-59. Available [here](#).

Emissions: Traded or Taxed, *Bournbrook at the University of Birmingham*, 2019, Issue III, pp.29. Available [here](#).

Maids in the Middle East, (with Ahalya P. Rajesh), *Aapoorti*, 9(1), 2019, pp. 14-20. Available [here](#).

Health, Hysteria, and Hoaxes: How a Global Pandemic brought about an Epidemic of Scams, with Mita Chaturvedi, *Ecotalker*, 2020. Available [here](#).

Pink Healthcare: The Indian Narrative, (with Ananya Iyengar), *Econ After Hours*, St. Stephen's College, 2019. Available [here](#).

Extracurricular Activities

Quiz Clubs

Co-founded DSE Quiz Club, participated in 50+ quizzes, weekly intra-college quiz sessions, conducted quiz sessions 2018-present

The Editorial Board, Editor-in-Chief and Deputy Editor

Proofread and edited 250+ articles. Wrote monthly articles for Ecotalker. Interviewed eminent economists. Led a team of 8 brilliant aspiring economists at the Department of Economics, Miranda House College 2018-2020

Personal

Citizenship: India

Hobbies: Cooking, reading, playing badminton and lawn tennis, movies, hiking, formatting old documents using \LaTeX .

Feel free to contact me if you want this CV's latex code! :)