Aarti Malik

aartimalik96@gmail.com | New Delhi, India | aartimalik.github.io

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 (expected)

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

Proficient in Stata, R, Python (**sample code repository**) SurveyCTO, Qualtrics, Web Scraper, Microsoft Office, LaTeX

Research Experience

Research Assistant *for* Professor Supreet Kaur, UC Berkeley

- Providing Qualtrics assistance for a 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 LaTeX assistance, worked on tight deadlines multiple times

July 2020 - present

Research Assistant *for* Professor Ram Singh, Delhi School of Economics

- 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 projject on India's wealth distribution
- Other: Proofreadig, editing, formatting using LaTeX

July 2020 - present

Data Scientist Intern, Dvara Research

- 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

April - August 2021

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

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   June 2021
market outcomes of first-generation students and non-first-generation students

Research Programme, Department of Economics, Miranda House College
Used an expected utility approach to model a murderer's behavior   February 2020

Presented an article on algorithmic game theory (with Sayyam Luhadiya) at   March 2019
Shri Ram College of Commerce. Top 6 out of 300+ entries

Polinomics- Policy Case Competition Winner at St. Stephen's College, with   January 2019
Navya Surekha and Ritika Agarwal. Rank 1 in a total of 300+ participants.
Built a policy recommendation model for Spain. Time period: 2013. PPT
Available on request.

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- 2018-present
college quiz sessions, conducted quiz sessions

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

Personal

Pronouns: she/her/hers; India citizen; First generation high-school and college graduate.
Born on October 11, 1999.
Hobbies: Cooking, reading, playing badminton and lawn tennis, movies, hiking,
formatting old documents on LaTeX.