

ARUNIMA MARWAHA

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WORK EXPERIENCE

Research Assistant

Nov 2024 – Present

ROCKWOOL Foundation Berlin

- Conducted **literature reviews** and identified survey, administrative, and cross-country datasets, to support applied economics research on migration, refugee integration, labour markets, migration preferences, and public attitudes toward immigration.
- Cleaned, validated, and merged datasets comprising **3M+ observations** in **STATA**, to construct research-ready panels and a **destination-attractiveness index** analysing preference heterogeneity, demographic sorting, and destination demand.
- Conducted an **event-study design** using Gallup migration-intentions and UCDP conflict data, to estimate how conflict shocks affect migration preferences and behavioural responses over time.
- Estimated **fixed-effects models** on Ukrainian refugee presence and native students' test scores, to assess how refugee inflows affect educational outcomes in host-country institutions.
- Produced research outputs for **20+ reports** and built automated **R & Python** pipelines using Eurostat and UNHCR APIs, to maintain the public migration dashboard and country factsheets through reproducible workflows.

Research Assistant

Jun 2025 – Sep 2025

Jacques Delors Centre, Hertie School, Berlin

- Digitised, cleaned, and harmonised 20+ years of historical **EU budget records** across expenditure categories, to build a research-ready fiscal dataset for the DFG/SNSF-funded *Reconfiguring Europe* project, supporting analysis of EU resource allocation, institutional competence, and member-state control.

Program Associate – Outcome Measurement

Jul 2023 – Aug 2024

Centre for Effective Governance of Indian States (CEGIS), India

- Cleaned, standardised, and analysed field-collected survey data from **4K+ respondents** in **STATA**, to resolve missing values, inconsistent formats, duplicate records, outliers, skip-pattern errors, and logical inconsistencies for comparison with administrative records.
- Evaluated 500 administrative blocks using 39 governance and development KPIs, to benchmark public-service delivery and study variation in local institutional performance across underserved regions.
- Designed **survey instruments** and **supervised fieldwork** in government-funded maternal and child health centres, to collect primary data on service access, implementation constraints, and beneficiary outcomes.
- Designed digital monitoring workflows for a state government service-delivery programme covering 60K+ centres, to define data flows from local-level reporting to state-level dashboards.

Research Intern

Jun 2022 – Mar 2023

Ministry of Commerce & Industry, Government of India

- Conducted literature review and a **time-series analysis** of 24 years of trade, investment, and tariff data, to examine India's manufacturing-sector participation in global value chains and its impact on domestic value addition for internal reporting under the Office of the Economic Advisor.
- Drafted **research and policy concept notes** across 5 themes under India's G20 Presidency, to support diplomatic discussions on foreign investment coordination, supply-chain resilience, sustainability, digitalisation, and the future of work.

EDUCATION

M.Sc. Economics, *Humboldt-Universität zu Berlin*

2024 – Present

Current Grade: 1.3, German grading scale. Relevant coursework: Applied Econometrics in STATA, Empirical Labor Economics, Applied Migration & Cultural Economics, Empirical Development Economics.

B.A. (Hons.) Economics, *University of Delhi*

2020 – 2023

GPA: 8.5 / 10.

RESEARCH PROJECTS

Impact of Women's Reservation in Public Sector Employment

Mar 2026

Wirtschaftswissenschaftliche Fakultät, Humboldt-Universität zu Berlin

- Transformed PLFS survey data comprising **3M+ observations** into a state-year panel, to construct demographic, policy, and employment variables for empirical analysis.
- Applied **synthetic control method** using 29 donor states and conducted placebo checks, to estimate the impact of women's reservation policy on women's representation in public-sector employment.

Joshua D. Angrist: Illuminating the Path from Cause to Effect

Apr 2026

Wirtschaftswissenschaftliche Fakultät, Humboldt-Universität zu Berlin

- Authored a 17-page research paper on Joshua Angrist's role in the credibility revolution, synthesising Nobel Prize materials, academic publications, and historical sources to trace the evolution of modern causal inference in economics.
- Analysed instrumental variables, Local Average Treatment Effects, regression discontinuity, and natural-experiment designs, evaluating their contribution to labour economics, education economics, and evidence-based policymaking.

Climate Change & Tourism in Uttarakhand [\[Publication\]](#)

Dec 2023

Atna Journal of Tourism Studies, Christ University

- Analysed climate-risk exposure in Uttarakhand's tourism economy using **secondary data, stakeholder interviews**, and a Joshimath case study, to assess how floods, wildfires, landslides, and unplanned infrastructure affect tourism-dependent communities and local businesses.
- Conducted policy analysis of state sustainability measures, to identify gaps in waste management, eco-sensitive infrastructure, community participation, and tourism regulation.

Corruption and Suicide Rates in BRICS Countries

Oct 2022

Department of Economics, University of Delhi

- Constructed a country-year panel dataset for BRICS economies from 2012–2019, to study how governance quality and socio-economic conditions relate to suicide rates.
- Estimated **fixed-effects** and **random-effects models** in STATA, analysing how corruption, mental-health prevalence, education, urbanisation, and income explain cross-country variation in suicide outcomes.

Gender and Financial Independence in Rural Uttarakhand

Jun 2022

Department of Economics, University of Delhi

- Conducted **field-based qualitative research** in rural Uttarakhand, combining household interviews, stakeholder discussions, and secondary-data analysis to study women's financial autonomy, decision-making power, and access to financial institutions.
- Analysed how migration, agricultural labour, social norms, and microfinance shape women's economic agency and participation in household financial decisions.

SKILLS

- **Programming:** STATA, R, Python, Git
- **Empirical Methods:** Difference-in-differences, event-study, synthetic control method, fixed-effects estimation, index construction, survey weighting
- **Research Methods:** Literature reviews, dataset construction, survey design, fieldwork, qualitative interviews
- **Tools:** LaTeX, Tableau, Power BI, SurveyCTO, MS Office, Google Workspace
- **Languages:** English (C1), German (B1 – actively improving), Hindi (Native)

ACHIEVEMENTS

- **Awards:** MIT Community Award for Enactus Project; Top 10 in India, GMCC Melbourne Microfinance Initiative
- **Certifications:** World Bank – Reproducible Research Fundamentals
- **Leadership:** Head of Data Team, Economics Magazine – mentored 40+ juniors in data analysis and visualisation.