Rayandev Sen
9711852938, rayandevsen950@gmail.com

Education

Jadavpur University, Kolkata
Bachelor of Arts (Hons.) in Economics with Minors in Mathematics and Statistics
CGPA - 9.57 (till Semester V)
Minor CGPA - 10.00

Research Experience

Research Intern
Haas School of Business, University of California Berkeley   *June 2022- July 2022*

- Worked with the research team of Professor Aruna Ranganathan to analyse 1960's Bihar Census data and to conduct behavioural experiments
- Digitised and cleaned over 4500 observations of the Bihar Census using Stata, Python and Excel
- Ran summary statistics, ANOVA tests and regressions on the cleaned dataset and presented my findings in a comprehensive report
- Participated as an observer and facilitator in a behavioural experiment consisting of a group of participants to study employment behaviour and worker solidarity

Research Trainee
ProjectUp, UNESCO   *June 2021*

- Participated in a month-long policy research training programme which focused on building skills in framing research questions, literature review, quantitative analysis and ethical research
- Co-authored a paper titled "Microfinance: Contemporary Effects on Poverty Alleviation in Rural Bengal" which comprehensively analysed the microfinance landscape in West Bengal using quantitative and qualitative methodologies
- Presented the paper to officials from UNESCO while suggesting policy interventions

Work Experience

Intern
Bengal Development Collective   *July 2022-November 2022*

- Developed the Monitoring and Evaluation framework of the organisation by working with the MEL team to create and present their theory of change and log framework
- Managed communications with major stakeholders, advisers and partners and also organised and led meetings with the same
- Edited and proofread 20+ policy research articles for the organization

Presentations and Awards

- "Why Do Informal Workers Earn Less? A Picture of India Before and During COVID-19", South Asian Economics Students Meet (SAESM) World Bank, Tribhuvan University, Nepal (2023)
  Awarded **Best Paper** for the sub-theme of Labour Economics
- "Developmental Causes of Out-Migration from Bengal", Policy Symposium on West Bengal, Said Business School, Oxford (2022)

Academic Projects

Socio-Economic Determinants of Internet and Computer Access in Rural India

- This paper aims to understand the variables which affect ICT access in rural regions of India. Nation-wide data from the 75th round of the National Sample Survey was used as sample data. An instrumental variable probit model was deployed to assess the impact of selected variables on internet and computer access. Research conducted under the guidance of Professor Poulomi Roy.

Skills and Interests

Statistical Programming Languages: Python (Pandas, NumPy, Seaborn, SciKit Learn), Stata
Typesetting Languages: LaTeX
Data-Specific Skills : Data Extraction, Data Cleaning, Statistical Modelling, Regression Analysis
Research Interests: Development Economics, Labour Economics, Behavioural Economics