# MOUMITA DAS

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| **EDUCATION** | **University of California Santa Cruz**        US |

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**University of California Santa Cruz** — US
PhD in Economics — 2026 (expected)
**Indian Statistical Institute** — Kolkata, India
MS in Quantitative Economics — 2017

*Selected Graduate Courses:* Advanced Microeconomics, Advanced Econometrics, Development Economics, International Trade, Industrial Organization, Time-Series Econometrics

**WORKS IN PROGRESS**

**Temperature and Temporary Migration in India**
with Anirban Sanyal

**Protecting a Polluting Industry? Environmental and Health Consequences of Steel Tariffs**
with Jaerim Choi, Gueyon Kim

**Beyond Borders: The Impacts of Plastic Waste Trading in Indonesia**
with Monica Shandal

**The Girl on the Train: Effects of metro transit system on female labor force participation**
with Rolly Kapoor

**RESEARCH EXPERIENCE**

**UC Santa Cruz**
Mentors: Dr. Pedro Morales-Almazon — Aug - Sep 2024
Developed course material using R and Jupyter Notebooks for a faculty training program in data science.

Mentors: Dr. Ajay Shenoy, Dr. Brenda Samaniego — Jun - Sep 2024
Designed and tested surveys for International Growth Centre-funded project on retail market misallocation in Zambia.

Mentors: Dr. Galina Hale, Dr. Marc Bellemare — Jun 2022 - Jun 2023
Built web scrapers and text analysis models of agricultural legislation using Python for a study funded by the US Dept. of Agriculture.

**National Institute of Public Finance and Policy, New Delhi**
Mentors: Dr. Ila Patnaik, Dr. Ajay Shah — Mar 2019 - Jan 2020

Analyzed health outcome measures in household survey data in India using R, leading to publication. Conducted field surveys in rural community health centers. Conducted econometric analysis for various projects dealing with credit markets and volatility in financial markets.

| TEACHING EXPERIENCE | **Teaching Assistant, Department of Economics, UCSC** | 2021– |
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*Certified in inclusive teaching practices, equity-minded mentoring and equitable course design (Teaching and Learning Center, UC Santa Cruz)*
Introductory Microeconomics, Introductory Macroeconomics, Intermediate Microeconomics, Game Theory and Applications, Applied Econometrics, Economic Rhetoric

| INDUSTRY | **BlackRock** | India |
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| | Analyst | Jul 2017 - Mar 2019 |

Developed and implemented time-series econometric models to forecast US home price appreciation and unemployment rates. Used big data infrastructure for calibrating models, forecast error reporting, back-testing, and surveillance. Created and delivered weekly presentations on key economic indicators for a global team.

| SKILLS | **Tools/Software:** R, Python, Stata, Matlab, SAS, SurveyCTO, SQL |
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**Languages:** English, Bengali, Hindi

| ACADEMIC & OTHER SERVICE | Referee, Review of World Economics | 2023 |
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| | Peer Mentor, Young Women in Economics and Policy, India | 2023– |
| | Grad Mentor, UCSC Women in STEM and Engineering | 2023 |