

Parth Chawla

Department of Agricultural and Resource Economics
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RESEARCH INTERESTS

Development & Agricultural Economics, Governance, Public-Service Delivery, Technology Adoption

EDUCATION

University of California, Davis <i>PhD in Agricultural & Resource Economics</i>	Davis, CA 2021 – Present
Trinity College Dublin <i>MSc in Economics</i>	Dublin, Ireland 2018 – 2019
Royal Holloway, University of London <i>BSc in Physics</i>	Egham, UK 2014 – 2017

PROFESSIONAL EXPERIENCE

United Nations Development Programme (UNDP) <i>Intern (Research/Statistics)</i> <ul style="list-style-type: none">Contributed to the 2021/22 Human Development Report.Assisted in quantitative and qualitative background research for the Human Development Report.Supported in data analysis and presentation of human development statistics.	New York, NY July – September 2022
Gerald R. Ford School of Public Policy, University of Michigan <i>Research Assistant</i> <ul style="list-style-type: none">RA to Professor Yusuf Neggers. Conducted empirical analysis for a paper using Stata.Scraped millions of rows of publicly available Indian administrative data from government websites and APIs using Python and automating code on AWS EC2.	Ann Arbor, MI January – May 2022
Evidence for Policy Design at Harvard Kennedy School <i>Research Associate</i> <ul style="list-style-type: none">Executed large-scale randomized control trials (RCTs) focused on improving bureaucratic efficiency in rural India in collaboration with development economists from Yale University and the University of Michigan.Successfully lead an intervention that led to a 11 percent decrease in delayed wage payments in treatment areas in the Indian government's employment guarantee scheme, MGNREGA, affecting 1000s of workers.Lead field-based and data operations teams consisting of field managers, surveyors, and data entry operators.Liaised with government officials across many levels in India and used their feedback to align project goals.Built Python data pipelines – scraped millions of rows of publicly available data from government websites and APIs by automating code on AWS, cleaned and stored the data in MySQL databases on AWS and delivered it to government officials in the form of text messages and app notifications.Automated daily report generation with summary statistics for monitoring progress.Prepared data visualizations and performed econometric analysis using Stata for presenting findings.Conducted qualitative and quantitative research, designed survey questionnaires, ran pilot exercises, and refined the study design.	Delhi, India June 2019 – May 2021
Koan Advisory <i>Economics Intern</i>	Delhi, India May – June 2018
Vzzual Ltd <i>Research Engineer (Python/C++) Intern</i>	Guildford, UK June – August 2016

SKILLS AND LANGUAGES

Programming Languages: Python, SQL/MySQL, R, Stata, AWS (EC2, RDS), Git, Unix, Cron, LaTeX
Skills: Impact/Policy Evaluation, Economic Analysis, Experiment/Survey Design, Econometrics, Optimization, Regression Analysis, Time Series Analysis, Causal Inference, Data Visualization, Data Pipelining, Web Scraping
Languages: English (Native/Bilingual), Hindi (Native/Bilingual), Korean (Beginner)

AWARDS AND FELLOWSHIPS

UC Davis Provost's Fellowship	2021
Royal Holloway Passport Award	2017
Royal Holloway International Excellence Scholarship	2014

TEACHING EXPERIENCE

University of California, Davis	Davis CA
<i>Teaching Assistant, Intermediate Microeconomics</i>	<i>September 2022 – Present</i>
Trinity College Dublin	Dublin, Ireland
<i>Teaching Assistant, Mathematics & Statistics for Economics</i>	<i>September 2018 – May 2019</i>
Ashoka University	Sonapat, India
<i>Teaching Fellow, Mathematics Foundation Course</i>	<i>January – May 2018</i>