Parth Chawla

Department of Agricultural and Resource Economics
University of California, Davis
One Shields Avenue, Davis, CA 95616

chawla@ucdavis.edu
parthchawla.com
linkedin.com/in/parthchawla

EDUCATION

University of California, Davis	Davis, CA
Ph.D. in Agricultural & Resource Economics	*2021 – Present*
Trinity College Dublin	Dublin, Ireland
M.Sc. in Economics	*2018 – 2019*
Royal Holloway, University of London	Egham, UK
B.Sc. in Physics	*2014 – 2017*

PROFESSIONAL EXPERIENCE

United Nations Development Programme (UNDP) — New York, NY
Intern (Research/Statistics) — *July – September 2022*

- Going to be interning in the Human Development Report Office (HDRO) of UNDP.

Gerald R. Ford School of Public Policy, University of Michigan — Ann Arbor, MI
Research Assistant — *January – May 2022*

- RA to Professor Yusuf Neggers. Scraped millions of rows of publicly available Indian administrative data from government websites and APIs using Python and automating code on AWS EC2.
- Cleaned and organized the data and conducted empirical analysis using Stata.

Evidence for Policy Design (EPoD at Harvard Kennedy School) — Delhi, India
Research Associate — *June 2019 – May 2021*

- Executed large scale research projects 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 (randomized control trial) 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.

Koan Advisory — Delhi, India
Economics Intern — *May – June 2018*

Vzzual Ltd — Guildford, UK
Research Engineer Intern — *June – August 2016*

AWARDS AND FELLOWSHIPS

UC Davis Provost's Fellowship: $58,302	*2021*
Royal Holloway Passport Award	*2017*
Royal Holloway International Excellence Scholarship: £10,000	*2014*

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)
Geographic Experience: United States, South Korea, Ireland, United Kingdom, India

Teaching Experience

Trinity College Dublin — Dublin, Ireland
Teaching Assistant, Mathematics & Statistics for Economics — *September 2018 – May 2019*

Ashoka University — Sonipat, India
Teaching Fellow, Mathematics Foundation Course — *January – May 2018*