

# PARTH CHAWLA

Department of Agricultural and Resource Economics  
University of California, Davis  
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## EDUCATION

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

## PROFESSIONAL EXPERIENCE

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<b>The World Bank</b> Consultant	Washington, D.C. May 2023 – Present
<ul style="list-style-type: none"><li>• Consultant in the Poverty and Equity Global Practice.</li><li>• Conducting data analysis and modelling in Stata and Excel for estimating and projecting poverty in Afghanistan.</li></ul>	
<b>University of California, Davis</b> Graduate Student Researcher for Prof. J. Edward Taylor	Davis, CA June 2023 – Present
<ul style="list-style-type: none"><li>• Project 1: Creating R Shiny dashboards for two African countries with models for estimating local economy-wide impacts of protected areas.</li><li>• Project 2: Using machine learning methods (logistic regression, gradient boosting, etc.) in Python to predict migration.</li></ul>	
<b>United Nations Development Programme (UNDP)</b> Research Intern	New York, NY July – September 2022
<ul style="list-style-type: none"><li>• Contributed to the 2021/22 Human Development Report.</li><li>• Assisted in the data analysis and presentation of key human development statistics.</li></ul>	
<b>Ford School of Public Policy, University of Michigan</b> Research Assistant to Prof. Yusuf Neggers	Ann Arbor, MI January – May 2022
<ul style="list-style-type: none"><li>• Conducted empirical analysis for a research paper using Stata.</li><li>• Extracted millions of rows of publicly available Indian administrative data from government websites and APIs using Python, utilizing AWS for automation and storage in MySQL databases.</li></ul>	
<b>Evidence for Policy Design, Harvard Kennedy School</b> Research Associate	Delhi, India June 2019 – May 2021
<ul style="list-style-type: none"><li>• Designed and executed 2 large-scale randomized control trials (RCTs) in 3 Indian states in partnership with development economists from Yale University and the University of Michigan.</li><li>• Managed a team of 15 people, consisting of field managers, surveyors, and data entry personnel.</li><li>• Collaborated with government officials at the state and local levels in India to align project objectives.</li><li>• Developed Python data pipelines to scrape and process over 50 million rows of public data from government websites and APIs, utilizing AWS for automation and storage in MySQL databases.</li><li>• Produced data visualizations and performed econometric analyses using Stata.</li><li>• Designed survey questionnaires for over 1000 government officials.</li></ul>	
<b>Koan Advisory</b> Economics Intern	Delhi, India May – June 2018
<b>Ashoka University</b> Teaching Fellow	Sonipat, India January – May 2018

## AWARDS AND FELLOWSHIPS

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UC Davis Provost's Fellowship	2021
UC Davis Nonresident Supplemental Tuition Fellowship	2021-2024
Royal Holloway Passport Award	2017
Royal Holloway International Excellence Scholarship	2014

## BLOG ARTICLES

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"Government Intervention in India and Taiwan Affects Global Rice Markets" (with Tzu-Hui Chen), Ag Data News (Aaron Smith), 2022.

## SKILLS AND LANGUAGES

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**Programming:** Python, SQL/MySQL, Stata, R, Shiny, AWS (EC2, RDS), Git, Unix,  $\text{\LaTeX}$ , SurveyCTO

**Languages:** English (Native/Bilingual), Hindi (Native/Bilingual), Korean (Beginner)

**Skills:** Impact/Policy Evaluation, Poverty Measurement, Survey Design, Econometrics, Regression Analysis, Machine Learning, Causal Inference, Data Visualization, Data Pipelining, Web Scraping

## OTHER EXPERIENCE

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<b>University of California, Davis</b>	Davis, CA
Teaching Assistant, Econometric Methods	Spring 2023
Teaching Assistant, Agricultural Labor	Winter 2023
Teaching Assistant, Intermediate Microeconomics	Fall 2022
<b>Trinity College Dublin</b>	Dublin, Ireland
Teaching Assistant, Mathematics & Statistics for Economics	2018-19