

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

## PROFESSIONAL EXPERIENCE

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<b>United Nations Development Programme (UNDP)</b> <i>Intern (Research/Statistics)</i> <ul style="list-style-type: none"><li>Contributed to the 2021/22 Human Development Report.</li><li>Assisted in quantitative and qualitative background research for the Human Development Report.</li><li>Supported in data analysis and presentation of human development statistics.</li></ul>	New York, NY July – September 2022
<b>Gerald R. Ford School of Public Policy, University of Michigan</b> <i>Research Assistant</i> <ul style="list-style-type: none"><li>RA to Professor Yusuf Neggers. Conducted empirical analysis for a paper using Stata.</li><li>Scraped millions of rows of publicly available Indian administrative data from government websites and APIs using Python and automating code on AWS EC2.</li></ul>	Ann Arbor, MI January – May 2022
<b>Evidence for Policy Design, Harvard Kennedy School</b> <i>Research Associate</i> <ul style="list-style-type: none"><li>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.</li><li>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.</li><li>Lead field-based and data operations teams consisting of field managers, surveyors, and data entry operators.</li><li>Liaised with government officials across many levels in India and used their feedback to align project goals.</li><li>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.</li><li>Automated daily report generation with summary statistics for monitoring progress.</li><li>Prepared data visualizations and performed econometric analysis using Stata for presenting findings.</li><li>Conducted qualitative and quantitative research, designed survey questionnaires, ran pilot exercises, and refined the study design.</li></ul>	Delhi, India June 2019 – May 2021
<b>Koan Advisory</b> <i>Economics Intern</i>	Delhi, India May – June 2018
<b>Vzzual Ltd</b> <i>Research Engineer (Python/C++) Intern</i>	Guildford, UK June – August 2016

## SKILLS AND LANGUAGES

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**Programming Languages:** Python, SQL/MySQL, R, Stata, AWS (EC2, RDS), Git, Unix, LaTeX, SurveyCTO

**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

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UC Davis Provost's Fellowship	2021-22
Royal Holloway Passport Award	2017
Royal Holloway International Excellence Scholarship	2014

## TEACHING EXPERIENCE

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<b>University of California, Davis</b>	Davis CA
<i>Teaching Assistant, Intermediate Microeconomics</i>	<i>Fall 2022</i>
<b>Trinity College Dublin</b>	Dublin, Ireland
<i>Teaching Assistant, Mathematics &amp; Statistics for Economics</i>	2018-19
<b>Ashoka University</b>	Sonipat, India
<i>Teaching Fellow, Mathematics Foundation Course</i>	<i>Spring 2018</i>