

Javier Parada

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EDUCATION

University of California, Davis

PhD in Agricultural and Resource Economics

Davis, CA

2011 – 2018

Centro de Investigación y Docencia Económicas

MS in Economics

Mexico City, Mexico

2008 – 2010

Tecnológico de Monterrey, Campus Santa Fe

BS in Financial Management

Mexico City, Mexico

2004 – 2008

EXPERIENCE

Postdoctoral researcher

The World Bank

July 2020 – Present

Washington, DC

- Fellowship Program in Forced Displacement sponsored by the DFID-UNHCR-World Bank program “Building the Evidence on Forced Displacement: A Multi-Stakeholder Partnership”
- Land Use and Conflict in Middle East and North Africa region

South Asia Data Team

The World Bank

April 2018 – June 2020

Washington, DC

- Harmonization of household surveys and maintenance of South Asia Micro Database (SARMD)
- Construction, adjustment, and analysis of expenditures per capita for poverty and inequality measures
- Study of asset ownership, gender, urban/rural, education, demographic, labor, and housing characteristics
- Design and implementation of survey metadata collection tool to compare survey characteristics
- Preparation of Tableau visualizations and SARMD User Guidelines

RECENT PROJECTS

Land Use Change induced by Conflict and Displacement | *Python,*

July 2020 – Present

- Developed a full-stack web application using with Flask serving a REST API with React as the frontend
- Implemented GitHub OAuth to get data from user's repositories
- Visualized GitHub data to show collaboration
- Used Celery and Redis for asynchronous tasks

Property Rights | *Spigot API, Java, Maven, TravisCI, Git*

July 2020 – Present

- Developed a Minecraft server plugin to entertain kids during free time for a previous job
- Published plugin to websites gaining 2K+ downloads and an average 4.5/5-star review
- Implemented continuous delivery using TravisCI to build the plugin upon new a release
- Collaborated with Minecraft server administrators to suggest features and get feedback about the plugin

Somalia Poverty | *Spigot API, Java, Maven, TravisCI, Git*

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Somalia Poverty | *Poverty region*

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TECHNICAL SKILLS

Languages: Stata, Python, R, Matlab, JavaScript, HTML/CSS, Git

Libraries: pandas, NumPy, Matplotlib

GIS Tools: QGIS, Google Earth Engine