

ANDRES Y. CALDERON AMAYA

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RESEARCH INTERESTS

- Main: Development Economics, Public Economics, Personnel Economics of the State
- Secondary: Political Economy, Economic History, Urban Economics

EDUCATION

M.A. in Economics, Universidad del Rosario (Bogotá, Colombia) 2023
Distinguished thesis.

B.A. in Economics (*cum laude*), Universidad Industrial de Santander (Bucaramanga, Colombia) 2020
Distinguished student: 2017 and 2018.

Academic Exchange, Université du Québec à Montréal (Montreal, Canada) 2019

EXPERIENCE

Research Assistant to Philip Keefer Jul 2022 - present
Inter-American Development Bank *Washington, D.C.*

- Field: Public Economics
- Implemented the empirical analysis of three survey experiments on public economics, including conjoint analysis (data cleaning, exploratory analysis, regression analysis).
- Supported the replicability of a study on political engagement, incorporating experimental and quasi-experimental methods (regression discontinuity).

Research Assistant to Juan Vargas and Mounu Prem Aug 2020 - Jul 2022
Universidad del Rosario *Bogotá, Colombia*

- Fields: Political Economy, Development Economics
- Gathered political donations data through web scraping and employed string-distance methods to match it with the names of business owners and administrators.
- Extracted data on victims from the Paraguayan dictatorship using OCR algorithms on 200 tables.
- Constructed school performance indicators from administrative sources such as national test results and grade-promotion data.

Research Assistant (Intern) to Margarita Gafaro and Camilo Bohorquez-Penuela Jan 2020 - Jun 2020
Banco de la República *Bucaramanga, Colombia*

- Fields: Agricultural Economics, Labor Economics
- Processed the matched administrative employer-employee dataset for the universe of formal workers in Colombia between 2008 and 2018 to construct a panel table of municipalities containing employment and wage aggregates.
- Analyzed the evolution of agricultural prices during the pandemic using weekly microdata from wholesale stores in Colombia spanning from 2018 through 2020.

RESEARCH IN PROGRESS

- The impact of hard discount stores on local labor markets: Evidence from Colombia (with Lukas Delgado-Prieto and Andrea Otero)
- The impact of discretionary hiring on bureaucrats' corruption perceptions, satisfaction, and the mishandling of public resources (master thesis)

SKILLS

- Languages: Spanish (Native), English (Fluent - TOEFL iBT C1), French (Fluent - DALF C1), Portuguese (Intermediate)
- Programming Languages: R (Advanced), Python (Intermediate)
- Software: Stata (Advanced), L^AT_EX (Advanced), QGIS (Intermediate), Github (Intermediate)
- Tools: GIS, Web Scrapping, String Similarity, Document Image Analysis, Machine Learning

OTHER RELEVANT COURSEWORK

- Big data and machine learning applied to real state, Universidad de los Andes, November 2023
- Introduction to Git and Github, Google (offered through Coursera), November 2023

Last update: February 2024