

Andrés Castro-Araújo



Education

present

2020



Duke University

PhD Sociology

📍 Durham, NC, USA

2019



Columbia University

M.A. Quantitative Methods in the Social Sciences 📍 New York, NY, USA

2016



Universidad del Rosario

B.A. in Sociology

📍 Bogotá, Colombia

2015



Universidad del Rosario

B.A. in Economics

📍 Bogotá, Colombia



Professional Experience

2020

2019



Data Scientist

TBWA/Chiat/Day

📍 New York, NY, USA

I used diverse sources of information for a variety of tasks such as predictive modeling, natural language processing, data visualization, and rapid prototyping of data products using R Shiny.

2017



Research Assistant

Columbia University

📍 New York, NY, USA

Collected, analyzed, and visualized publicly available data on corruption practices in Latin America. Supervised by professor Paul Lagunes.

2017

2015



Researcher

Center for Law, Justice, and Society - Dejusticia 📍 Bogotá, Colombia

Conducted research on fiscal policy, taxes, and their role towards the advancement of socio-economic rights.

Wrote policy briefs that assessed the compliance of state parties to the United Nation's International Covenant on Economic, Social, and Cultural Rights.

2014



Public Policy Intern

Department of National Planning

📍 Bogotá, Colombia

Assisted in a variety of public policy evaluations, using common causal inference techniques such as randomized controlled trials, matching on propensity scores, differences-in-differences, and instrumental variables.

2015

2011



Translator

International Sociological Association

📍 Bogotá, Colombia

English to Spanish translator for [Global Dialogue](#), the ISA's electronic magazine.

Contact Info

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Skills

Programming

- R
- Stan
- Python
- SQL

Data Analysis

- Regression Modeling
- Data Visualization
- Bayesian Statistics
- Social Network Analysis
- Causal Inference
- Machine Learning
- Natural Language Processing

Last updated on March 14, 2021.



Scholarships

- 2020 ● **RStudio Diversity Scholarship**
San Francisco, CA, USA
- 2017 ● **Pasaporte a la Ciencia Scholarship**
Awarded by the *Administrative Department of Science, Technology and Innovation* (Colciencias)
Bogotá, Colombia



Teaching Experience

- 2017 ● **Economy & Society**
Universidad del Rosario
Bogotá, Colombia
- 2016 ● **Introduction to Statistics**
Universidad del Rosario
Bogotá, Colombia



Selected Publications

- 2019 ● **The Power behind Numbers: Statistical Visibility and Inequality in Colombia and the Dominican Republic**
Dejusticia Series ([spanish](#))
Andrés Castro Araújo
- 2019 ● **The State of Corruption in Latin America**
Baker Institute Report
Paul Lagunes, Xiaoxuan Yang & Andrés Castro Araújo
- 2019 ● **Bridging the Gap: The Evolving Doctrine on ESCR and Maximum Available Resources**
The Future of Economic and Social Rights, Cambridge University Press
Rodrigo Uprimny, Sergio Chaparro H. & Andrés Castro Araújo
- 2017 ● **Política fiscal y derechos humanos en Colombia: hacia una perspectiva integrada**
Revista de la Defensa Pública de la Ciudad de Buenos Aires
Sergio Chaparro H. & Andrés Castro Araújo