Camilo Pedraza Jiménez

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🌐 https://cpj97.github.io/

Profile

PhD Candidate at the Hertie School, where I completed two master's degrees in Public Policy and Data Science. Economist and Political Scientist from Universidad de los Andes (Colombia). Skilled in public policy evaluation and data science. Experienced in public affairs and research, with a special interest in applying data science techniques (e.g., causal inference, geospatial analysis, machine learning, and deep learning) to support sustainable development and environmental protection.

Education

2025 – Present	**Ph.D. Computational Social Science,** Hertie School. Research Focus: Application of data science techniques (e.g., causal inference, geospatial analysis, machine learning, and deep learning) to support sustainable development and environmental protection. Main Supervisors: Prof. Asya Magazinnik, Prof. Drew Dimmery.
2023 – 2025	**M.Sc. Data Science,** Hertie School. Thesis title: *Seeing the Forest through the trees: Exploring Deforestation Trends in Colombia with Machine Learning.*
2022 – 2024	**M.Sc. Public Policy,** Hertie School. Thesis title: *A Forest Call: Impact Evaluation of the Colombian Peace Agreement from 2016 on Deforestation.*
2016 – 2021	**B.A. Political Science,** Universidad de los Andes.
2016 – 2020	**B.A. Economics,** Universidad de los Andes.

Work Experience

2025 – Present	**Researcher,** RWI – Leibniz Institute for Economic Research. Member of the INFECTIONS project.
2023 – 2025	**Student Research Assistant,** DIW – German Institute for Economic Research. Member of the Climate Policy Department (May 2023 - March 2024) and the Firms and Markets Unit (July 2024 - March 2025).
2022 – 2025	**Student Research Assistant,** Hertie School. Student Research Assistant to Prof. Christian Traxler (October 2022 - January 2023) and to Prof. Asya Magazinnik (October 2024 - January 2025).
2021 – 2023	**Junior Researcher,** WifOR Institute. Member of the Health Economy and Business Development Teams.

Skills

Languages	Spanish (native), English (fluent), German (fluent), French (Basic).
Coding	Python, R, STATA.
Additional Tools	Microsoft Office, LaTeX, Html, Tableau.
Quantitative Skills	Causal inference, Machine/Deep Learning, Geospatial Analysis, NLP.

Additional Experience

Certificates and Achievements

2025　🔖 **Participation Certificate,** DataFest 2025 at the LMU Munich.

2024　🔖 **Data Science Thesis Winner 2024,** Data Science Lab at the Hertie School.

2022　🔖 **COLFUTURO-DAAD Scholarship,** Fundación COLFUTURO.

2018　🔖 **Erasmus+ Scholarship,** European Union.

Academic Activity

2022 – 2025　🔖 **Hertie School**
Board Member of the Hertie Latin American Club.
Board Member of the Bouldering Club.

2018 – 2021　🔖 **Universidad de los Andes**
Member of the student magazine "Supuestos".
Member of the Research Hotbed for Regional Political Economy.
Member of the Research Hotbed for Social Science Programming.

Professional Development

2021　🔖 **Analytics Projects in Python,** Universidad de los Andes.