

## EDUCATION

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- Halle Institute for Economic Research** Halle (Saale), Germany  
*Doctoral studies* 10/23 - Present
- London School of Economics and Political Science** London, UK  
*M.Sc. Economics* 09/22 - 07/23  
Master's Essay: "Inflation Inequality by Gender in the UK"
- Universidad de los Andes** Bogota, Colombia  
*B.A. Economics* 07/15 - 10/19  
*LL.B. Law* 07/13 - 10/19

## RESEARCH WORK IN PROGRESS

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- "Plant Acquisitions and Labor Market Power: The Case of France's Loi Florange"**  
France's Florange Law, enacted in 2014, requires companies employing at least 1,000 workers to actively seek potential buyers before proceeding with site closures. I exploit plausibly exogenous variation induced by this legislative size threshold to analyze the effect of plant acquisitions on downstream labor market outcomes.
- "Intellectual Property, Knowledge Diffusion and Business Dynamism"** (with Magnuson, Mertens, Miranda)  
Using scrapped patent data and balance sheet data for French manufacturing firms, we show that reduced knowledge diffusion within industry, measured by lower rates of self-citations per patent, cause increased industry concentration, and lower labor reallocation, firm entry and young-firm employment shares.
- "The Role of Data Investments in Firm Export Dynamics"** (with Magnuson)  
Using LinkedIn employee compensation and French administrative datasets, we show that data investments increase the likelihood of firms entering and staying in exporting, and they increase and stabilize export revenues. Simulations show that data productivity leads to faster foreign market entry and greater industry concentration.

## RESEARCH AND PROFESSIONAL EXPERIENCE

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- The Competitiveness Research Network (CompNet)** Halle (Saale), Germany  
*Research Analyst, Micro Data Infrastructure (MDI)* 10/23 - Present
  - Created algorithms that standardized metadata for 200+ French datasets, which significantly improved their quality and comparability for integration into a European microdata infrastructure.
  - Implemented statistical programming research modules using harmonized datasets to conduct cross-country economic analysis on firm dynamics, trade and competitiveness, monetary policy, and energy efficiency.
- Central Bank of Colombia** Bogota, Colombia  
*Analyst, International Investments Department* 03/20 - 04/21
  - Drafted reports on sovereign wealth fund rebalancing, legal risk mitigation, and external manager performance.
  - Performed controls for risk, return and composition of foreign exchange reserves and sovereign wealth funds.
- Intern, Labor Markets Analysis Group, Macroeconomic Modelling Department* 01/19 - 06/19
  - Designed the econometric identification strategy, and performed economic analysis for a research paper analyzing the effect of rising unemployment on labor supply dynamics throughout the business cycle.

## ADDITIONAL EXPERIENCE

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- What Works Centre for Local Economic Growth at LSE** London, UK  
*Research Assistant* 11/22 - 07/23
- Constitutional Court of Colombia** Bogota, Colombia  
*Law Clerk* 04/21 - 08/22
- Cornell University - SC Johnson College of Business** Ithaca, NY, USA  
*Summer Undergraduate Research Fellow* 07/19 - 09/19

## LEADERSHIP AND AWARDS

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- LSE Economics Student Staff Liaison Committee - MSc Public Economics Representative.
- IELTS Prize by the British Council for higher education studies in the UK.
- Colombian Ministry of Education Saber Pro Recognition for highest scores in the national higher education exam.
- Quiero Estudiar Escala* merit and need-based scholarship for undergraduate studies.

## LANGUAGES AND INTERESTS

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- Programming Languages:** Stata, R, Python, MATLAB, L<sup>A</sup>T<sub>E</sub>X.
- Languages:** Spanish (native), English (fluent), French (intermediate), German (basic).
- Interests:** Travelling, hiking, cycling and music.