

# Joaquín Barrutia Álvarez

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## Education

UPPSALA UNIVERSITY, UPPSALA, SWEDEN

M.A., Economics 2022-2024

ITAM, MEXICO CITY, MEXICO

Data Science & Machine Learning Certificate 2021-2022

B.A. (Honors), Economics 2016-2021

*We Both Step and Do Not Step in the Same Rivers: Municipal Cooperation and Water Pollution Spillovers in Mexico* (Advisor: Emilio Gutiérrez).

## Experience

CENTER FOR ECONOMIC RESEARCH (CIE), ITAM, MEXICO CITY

Research Assistant 2022-

*RA to Antonella Bandiera (ITAM), Horacio Larreguy (ITAM), and John Marshall (Columbia).*

*Mercury Project research team partnering with fact-checkers in Kenya, Nigeria, South Africa, and Bolivia, conducting two studies to test approaches to counter misinformation and change users' engagement with reliable information.<sup>1</sup>*

UNIFIN FINANCIERA, MEXICO CITY

Structured Finance Analyst 2020-2022

## Skills & Relevant Coursework

### SOFTWARE

Microsoft Office, L<sup>A</sup>T<sub>E</sub>X, Python, QGIS, R

### LANGUAGES

Spanish (native), English (fluent), Mandarin Chinese (HSK1)

### RELEVANT COURSEWORK

Microeconomic Theory (ITAM, UU), Macroeconomic Theory (ITAM, UU), Econometric Theory (ITAM, UU), Real Analysis (ITAM), Univariate and Multivariate Calculus (ITAM), Linear Algebra (ITAM), Probability Theory (ITAM), Statistical Inference (ITAM), Applied Microeconometrics (ITAM, UU), Applied Macroeconometrics (ITAM)

## Research Interests

Development Economics, Cooperative Economics, Income Distribution

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<sup>1</sup>[Harnessing influencers to counter misinformation: Scalable solutions in the Global South.](#)

## Awards & Scholarships

Honorific Mention. Undergraduate Thesis. [Citibanamex Economics Prize](#). 2021

ITAM Special Mention Distinction. Awarded to students with an outstanding thesis defense and a final average grade above 8.5 out of 10. 2021

First Place. ITAM Hagamos Eco 1. Awarded for the production of audiovisual material explaining concepts for the Economics 101 course. 2021

ITAM 50 percent academic excellence tuition waiver for BA studies. 2016 - 2019