Federico Ariel López

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Profile

Economist.
Interests: Artificial Intelligence. Structural economics. Applied economics. Macroeconometrics.

Education

Master in Economics *(Thesis pending)* 2025
Universidad de San Andrés

Bachelor in Economics 2021 – 2024
Universidad de San Andrés
Thesis: *Financial dollarization: the role of income in a currency portfolio.*

Working Papers

AI Agents and Prompt Engineering in Econometric Coding 2026
NBER Working Paper No. 35588. With *Sebastián Galiani* and *Raul A. Sosa.* [paper]

Research Experience

Research Assistant for *Sebastián Galiani* May 2026 – Present *(5 months)*
Research on AI agents in econometric coding, released as NBER Working Paper No. 35588.

Research Assistant for *Alberto Ades* Jul 2025 – Jul 2026 *(12 months)*
Analysis for *Parte Diario* ("*Daily Dispatch*"), a daily markets newsletter. Built its Python news pipeline.
Produced books and audiobooks (text-to-speech and translation) for the *Talking Economics* series.

Research Assistant for *Paula Margaretic* Mar 2026 – Apr 2026 *(2 months)*
Worked on estimation of causal impacts of shocks using difference-in-differences and event studies in R.

Teaching Experience

Teaching Assistant – *Universidad de San Andrés*

Economics 1	Undergraduate	Prof. Matías Borhi	Spring 2026
Game Theory	Masters in Behavioural Science	Prof. Agustín Tau	Autumn 2026
Game Theory	Undergraduate	Prof. Enrique Carreras	Spring 2025
Game Theory	Undergraduate	Prof. Agustín Tau	Autumn 2025

Also taught private lessons for Economics 1, Game Theory, and Finance 2.

Relevant Courses Taken

Natural Language Processing (Python), Big Data and Machine Learning (Python), Macroeconometrics (R), Applied Economics (Stata)

Skills

Languages: Spanish (Native), English (Advanced C1, Trinity College Certificate), German (Intermediate B1), French (Intermediate B1)
Programming: Python, R, Stata, SQL, Git, Excel/VBA, MATLAB, Julia; Data analysis, scraping, automation, machine learning.