

# Joel Reyes Mora

joel70reyes@gmail.com — GitHub — **in** Joel Reyes Mora  
Atlanta, Georgia

## EDUCATION

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**Emory University**, Atlanta, Georgia  
Ph.D. in Economics

Aug 2024 – Expected May 2029

**Universidad EAFIT**, Medellin, Colombia M.Sc. in Economics

Feb 2023 – May 2024

GPA: 4.36/5

Relevant coursework: Advanced Econometrics, Advanced Macroeconomics, Advanced Microeconomics, Real Analysis (Bogotá Summer School), DSGE Models, Game Theory

Thesis: Application of a Markov-Switching model to exchange rate modelling regarding comparative risk between countries

**Escuela Superior Politécnica del Litoral (ESPOL)**, Guayaquil, Ecuador B.A. in Economics Oct 2017 – Oct 2022

GPA: 8.53/10

Relevant coursework: Calculus, Multivariate Calculus, Differential Equations, Linear Algebra, Mathematical Economics, Microeconomics I & II, Game Theory, Industrial Organization, Macroeconomics I & II, Econometrics I, Microeconometrics, Time Series Analysis, Python, Introduction to Data Science

Thesis: Computable General Equilibrium Model in Python to analyze rice price policy

## RESEARCH EXPERIENCE

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**Research Assistant**, Universidad EAFIT

Feb 2023 – May 2024

- Conducted literature reviews to update reference materials
- Developed Python scripts for data retrieval
- Project: *The Effects of Investors' Information Acquisition On Sell-Side Analysts' Forecast Bias*

**Research Assistant**, ESPOL

Oct 2019 – Jan 2020; Oct 2021 – Feb 2022

- Compiled diverse database sources for network analysis
- Conducted multiple-equation regression analysis and generated results using  $\text{\LaTeX}$

## PROFESSIONAL EXPERIENCE

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**Financial Risk Analyst**, Plusfondos Fund Management, Guayaquil, Ecuador

Jan 2022 – Jan 2023

- Performed risk analysis for publicly listed companies on the Ecuadorian Stock Exchange
- Produced comprehensive company analysis reports for investment decisions

**Finance Intern**, Levapan, Guayaquil, Ecuador

Jan 2021 – Oct 2021

- Credit risk analysis on clients' assets
- Maintained and streamlined supplier database

## TEACHING EXPERIENCE

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**Microeconomics**, ESPOL

Fall 2019

**Econometrics**, Universidad EAFIT

Fall 2023

## SKILLS AND ADDITIONAL TRAINING

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**Programming:** Python (Advanced), R (Intermediate), Stata (Intermediate), Dynare-Matlab (Intermediate), SQL (Intermediate), Git, AWS

**Writing:**  $\text{\LaTeX}$ (Advanced)

**Mathematics:** Real Analysis with economic applications (Bogotá Summer School, Prof. Andrés Carvajal, UC Davis), Score: 4.4/5

**Online Course:** Coursera – Mathematics for Machine Learning: Linear Algebra

## RESEARCH IN PROGRESS

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### **Sovereign risk and exchange rate: the importance of relative effects**

Joel Reyes, José Astaiza (EAFIT), Diego Agudelo (EAFIT)

2025 – Working paper

## FIELDS OF INTEREST

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Primary: Econometrics and financial economics

Secondary: Machine Learning

## SCHOLARSHIPS AND AWARDS

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EAFIT University Scholarship for Master Studies

2023

## OTHER INTERESTS

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Photography, Reading, Sports Analytics

## REFERENCES

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- **David Jacho-Chávez, Ph.D.** – Professor of Economics and Director of Graduate Studies, Emory University  
djachocho@emory.edu, +1 (404) 727 1381, Website
- **Santiago Montoya-Blandón, Ph.D.** – Lecturer in Econometrics, University of Glasgow  
Santiago.Montoya-Blandon@glasgow.ac.uk, +44 7405155407, Website
- **Leonardo Sanchez-Aragón, Ph.D.** – Associate Professor, ESPOL  
lfsanche@espol.edu.ec, +593 99 909 9539, Website
- **Jose Gabriel Astaiza, Ph.D.** – Assistant Professor, Universidad EAFIT  
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