Joel Reyes Mora

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

EDUCATION

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

Research Assistant, Universidad EAFIT   Feb 2023 – Present

- 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 LaTeX

PROFESSIONAL EXPERIENCE

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

Microeconomics, ESPOL   Fall 2019
Econometrics, Universidad EAFIT   Fall 2023

SKILLS AND ADDITIONAL TRAINING

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

Sovereign risk and exchange rate: the importance of relative effects
Joel Reyes, José Astaiza (EAFIT), Diego Agudelo (EAFIT)
2025 – Working paper

Fields of Interest

Primary: Econometrics and financial economics
Secondary: Machine Learning

Scholarships and Awards

EAFIT University Scholarship for Master Studies   2023

Other Interests

Photography, Reading, Sports Analytics

References

- **David Jacho-Chávez, Ph.D.** – Professor of Economics and Director of Graduate Studies, Emory University
  djachocha@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
  jastaiza@eafit.edu.co, +57 316 2821469, Website