Joel Reyes Mora

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Education

Universidad EAFIT February 2023 – present (Expected July 2023)
M.Sc. in Economics; Current GPA 4.36/5 *Medellin Colombia*

- Relevant coursework: Advanced Econometrics, Advanced Macroeconomics, Advanced Microeconomics, Real Analysis (Bogota Summer School), DSGE Models, Game theory
- My thesis will apply a Markov-Switching model to exchange rate modelling regarding comparative risk between countries

Escuela Superior Politécnica del Litoral (ESPOL) October 2017 – October 2022
B.A. in Economics; GPA 8.53/10 *Guayaquil Ecuador*

- 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, Fundamentals of Python, Introduction to Data Science
- In my undergradute thesis I performed a Computable General Equilibrium Model in Python to analyze price policies of rice

Research Experience

Research assistant February 2023 – present
Universidad EAFIT *Medellin, Colombia*

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

Research assistant (Oct 2019 – Jan 2020) (Oct 2021 – Feb 2022)
Escuela Superior Politecnica del Litoral *Guayaquil, Ecuador*

- Compiled a diverse database from various sources for network analysis
- Conducted multiple equation regression analysis and generated result tables using LaTeX

Specialized Skills and complementary courses

Programming Languages and Tech: Python (Advanced), R (intermediate), Stata (intermediate), Dynare-Matlab (Intermediate), SQL (Intermediate), Git, AWS
Writing: LaTeX(Advanced)
Math: Real analysis with economic applications: Bogota Summer School in Economics, Professor Andres Carvajal (UC Davis) (2023) Score: 4.4/5
Coursera: Mathematics for Machine Learning: Linear Algebra

Teaching experience

Microeconomics
Escuela Superior Politécnica del Litoral *Fall 2019*

Econometrics
Universidad EAFIT *Fall 2023*

Work in progress

Credit default swaps deviations and regime shifts in exchange rate models
Master Thesis *2023*

Fields of interest

Primary
Macroeonomics, Applied macroeconomics, Macro finance

Secondary
Econometrics, Machine learning

Professional Experience

Financial Risk Analyst January 2022 – January 2023
Plusfondos Fund Management *Guayaquil Ecuador*

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

Finance Intern January 2021 – October 2021
Levapan *Guayaquil Ecuador*

- Credit risk complementary analysis regarding client's assets
- Maintained and updated records of current suppliers to streamline and refine the database

Scholarships and Awards

EAFIT University scholarship for Master studies
Universidad EAFIT *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 (Economics) - University of Glasgow - Santiago.Montoya-Blandon@glasgow.ac.uk - +44 7405 155407 - Website
- **Leonardo Sanchez-Aragón, Ph.D.** Associate professor - Escuela Superior Politécnica del Litoral - 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