

# Carlos Marquez

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## EDUCATION

Florida International University | Miami, FL

December 2024

*Master of Arts in Economics*

*Relevant Coursework: Econometrics I, Econometrics II, Introduction to Data Science, and Industrial Organization*

Florida International University | Miami, FL

December 2022

*Bachelor of Arts in Economics, Minor in Computer Science*

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## WORK EXPERIENCE

Data Analyst Intern | Remote

May 2024 - Present

*Cardinal Management Group*

- Interacted with stakeholders to identify critical questions to be answered in order to provide effective KPIs.
- Built dashboards and reports based on analysis results, understanding of business through Tableau.
- Aided data extraction, cleaning and manipulation using SQL and Python scripting.

Graduate Candidate | Miami, FL

August 2023 - Present

*Florida International University*

- Applied GPU computing to solve agent based models, to study international financial markets.
- Applied statistical techniques within MATLAB and Stata to develop and solve dynamic stochastic general equilibrium modeling issues.
- Developed geospatial data modeling with R for Regression Discontinuity Design in economic development regions.

United Nations Millennium Fellow | Remote

August 2022 - January 2023

- Developed a plan of action that aims to confront various global issues from education inequality to providing healthcare resources with fellows from all over the world.
  - Founded a community of 40 developmental economists in LATAM and specializes in providing effective solutions to local communities regarding the improvement of agriculture and emerging technologies.
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## SKILLS

**Technical:** Python (Pandas, NumPy), SQL, MATLAB, R, Stata, Excel, Tableau and PowerBI

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## OTHER

**Awards:** USAID IDEA Competition , Microsoft Competition at Shellhacks (First Place), and NSF-STEM.

**Projects:** Presented data to members of the House of Representatives regarding the CARICOM region and assisted with the advocacy for increased research spending for FIU's Department of Economics.