# Mardoqueo (Marc) Arteaga

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## ACADEMIC BACKGROUND

**Fordham University**                                                                                          **New York, NY**
*Ph.D., Economics (Fields: Macro-Finance, Behavioral Economics, Monetary Policy)*      *2018-2023 (Expected)*
○   Honors: Alpha Sigma Nu, M.A. Economics (2020, summa cum laude)

**Montclair State University**                                                                              **Montclair, NJ**
*B.A., Economics; Mathematics Minor*                                                                          *2016-2018*
○   Honors: Convocation Speaker, Full Scholarship, magna cum laude

## TECHNICAL SKILLS & LANGUAGES

○   **Statistics/Econometrics:**  Regression Analysis, Time Series Forecasting, Econometric Modeling
○   **Programming & Software:**  R, Matlab, Python, Microsoft Office Suite, Stata, Tableau, Latex
○   **Languages:**  Spanish (native), English (fluent)

## HIGHER EDUCATION EXPERIENCE

**Graduate Student Association, Fordham University**                                              **New York, NY**
*Vice President*                                                                                        *June 2021 - present*
○   Manage +$200k budget, official communications to graduate students, the selection and distribution of graduate student support grants and awards, and meetings with the Administration team to align university goals with student needs
○   Execute graduate events including professional development activities, socials, speaker panels, competitions, and grants

**Fordham University**                                                                                          **New York, NY**
*Graduate Assistant to Economics Department Chair*                                              *Aug 2018 - May 2021*
○   Spearheaded over 13 seminar events, 8 white paper creation for department circulation, and online development including writing webpage content, over 15 diversity, equity, and inclusion (DEI) resources, and 5 alumni newsletters

## RESEARCH ACTIVITIES

**Central Bank of Chile**                                                                                      **Santiago, Chile**
*Visiting PhD Researcher, Monetary Policy Division*                                                  *July - Oct 2021*
○   Research the effects of unconventional monetary policy vis-à-vis shadow rates on the Chilean economy using DSGE modeling under Dr. David Coble and Dr. Guillermo Carlomagno for the report of Macroeconomic Policy Analysis

**"Keeping up with the Federal Reserve: Inflation Expectations and Policy Announcements"**, working paper
○   Identified causal link between high frequency monetary policy announcements and household inflation expectations using R, Python, and SciPy, and microdata from the Survey of Consumer Expectations by the Federal Reserve Bank

**"A Myopic Friction in US Business Cycles"**, (MA thesis)
○   Modeled US data in a macroeconometric setting (DSGE) with a behavioral friction in expectations using Matlab/Dynare, then evaluated model fit quality through Bayesian likelihood using Metropolis-Hastings algorithm for random sampling

## DATA ANALYTICS EXPERIENCE

**REEF Technology**                                                                                                  **Miami, FL**
*Economist/Data Analyst - Marketing*                                                                    *June - Aug 2021*
○   Estimate the potential ROI/Sales Improvement based on spending levels through regression modeling and forecasting, then optimizing work flow for sales promotion to maximize true sales lift at a Portfolio level

**DiMassimo Goldstein (DiGo)**                                                                              **New York, NY**
*Growth Strategy and Data Analyst*                                                                      *Sep - Dec 2019*
○   Built and managed an interactive marketing product designed to assess brand growth opportunities and competing markets performance using econometric modeling (KPIs: paid/ organic media, web navigation, and multi-step conversion)
○   Led discussions with Sales Team for 3 companies, clarifying data-insights that resulted in closing a lucrative deal

**TIAA (Teachers Insurance and Annuity Association of America)**                            **New York, NY**
*Enterprise Risk Management Summer Analyst & Consultant*                          *June - Dec 2017, Aug 2018*
○   Produced and presented 3 pitch decks, used for internal research, on emerging market financial risks, climate change implications for central banking and financial markets, and an asset class and outlook meta dashboard indicator using R
○   Drafted a Potential Capital at Risk plan for tightened regulation, including tail-risk event scenario used in stress testing