

## SKILLS & PERSONAL INFORMATION

- **Statistics/Econometrics:** Economic Analysis, Time Series Forecasting, Econometric Modeling, Data Collection and Visualization, Statistical Testing, Regression Analysis
- **Competencies:** Analytic writing, storytelling, public speaking, editing, project management, innovation
- **Software Proficiencies:** Advanced: R, Excel. Intermediate: MATLAB, Python, Tableau, SQL.
- **Languages:** Spanish, English

## PROFESSIONAL EXPERIENCE

### KPMG

Summer Associate, Economic & Valuation Services

New York, NY

June - August 2022

- Balanced multiple workstreams and engagements covering transfer pricing economics and quantitative consulting services in areas covered by IRS Code Section 482, intellectual property valuation, shareholder loan and debt capacity analysis, real estate investment trusts (REITs), and internal reviews of client deliverables
- Engaged with the Washington National Tax technical team by reviewing and editing reports covering international financial transactions and prepayment uncertainty based on option adjusted spreads

### Central Bank of Chile

Research Intern, Monetary Policy Division

Santiago, Chile

August - March 2022

- Developed a term structure model with a novel international one-directional spillover shock to estimate shadow rates during a low interest environment with a binding lower bound, building the structural model in MATLAB
- Collaborated with two senior economists in the Central Bank on a research paper to better inform yield curve modeling in small open economies under limited monetary policy regimes

### REEF Technology

Data Scientist, Growth Marketing (Contract)

Miami, FL

June - August 2021

- Estimated potential ROI/Sales Improvement based on spending levels through econometric modeling and forecasting in R, then optimized sales promotions to maximize sales lift at a portfolio level
- Quantified marketing spend impact from 5 MSP channels for over 30 client brand marketing revenues, extracting correlations and marginal contributions to bottom-lines
- Led 4 presentations in data analytics to Growth Marketing and Brand Vice Presidents, and conducted interviews for data analysts as Job Administrator to expand the analytics practice for the company

### DiMassimo Goldstein

Data Science Intern, Predictive Analytics

New York, NY

September - December 2019

- Built and managed an interactive marketing product designed to assess brand growth opportunities and competing markets performance using regression analysis after collecting data (KPIs: paid/ organic media, web navigation, and multi-step conversion)
- Facilitated analytics presentations with Sales Team for 3 companies, presenting data-insights and visualizations that resulted in closing a major sale of over \$100K with new business

### TIAA

Consultant, Macroeconomic & Country Risk

New York, NY

June - December 2017

- Presented 3 pitch decks on emerging market financial risks, climate change implications for central banking and financial markets, and an asset class outlook meta dashboard indicator in Python
- Edited a Potential Capital at Risk plan for tightened regulation, including tail-risk event scenario used in stress testing

## EDUCATION

### Fordham University - Graduate School of Arts & Sciences

Ph.D., Economics (Student Council President)

New York, NY

May 2023

- Thesis: *Essays on Empirical Macroeconomics and Expectations*
- Applied advanced quantitative methods to analyze household sentiments, credit market expectations, and the effects of monetary policy announcements, with a particular focus on the impact of sentiment errors on economic activity and the role of communication in shaping household expectations

### Montclair State University

B.A., Economics (magna cum laude, Convocation speaker)

Montclair, NJ

May 2018