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Israel Diego-Guerra

EDUCATION

University of Michigan   Ann Arbor, MI
Master of Science in Quantitative Finance and Risk Management   *Sept.2018 - Dec.2019*

- Cumulative GPA: 3.792/4.0
- Hispanic Scholarship Fund (HSF) Scholar
- Selected Coursework: Stochastic Calculus, Financial Mathematics – Continuous Time, Data Analysis in Python, Statistical Inference, Probability Theory

University of Michigan   Ann Arbor, MI
Bachelor of Science in Economics and Mathematics of Finance   *May 2013 - Apr.2016*

- Cumulative GPA: 3.467/4.0
- Selected Coursework: Financial Econometrics / Time Series, Linear Optimization, Stochastic Processes, Applied Statistics, Mathematical Finance

PROFESSIONAL EXPERIENCE

Northwestern Mutual   Ann Arbor, MI
Financial Advisor   *Oct.2016 - Mar.2017*

- Provided financial planning services and presented comprehensive plans to families, business owners, and young professionals
- Calculated proper asset allocation for clients based on risk tolerance and investment objectives
- Worked closely with mentor to implement prospecting methods and grow financial planning practice

Meridian Compensation Partners, LLC   Lake Forest, IL
Consulting Summer Intern   *May 2016 - Aug.2016*

- Participated in range of executive compensation matters, short- and long-term incentive plan design, and analysis of pay vs. performance alignment
- Collected compensation data from company proxies in order to construct Meridian's annual Governance Survey Database, routinely used in consulting
- Built web-scraping algorithm using R that populated Excel spreadsheets with data on Board of Directors and Executives found on Morningstar, improving data-gathering efficiency

Michigan Institute for Teaching and Research in Economics (MITRE)   Ann Arbor, MI
Research Assistant for Professor Dean Yang   *June 2015 – July 2017*

- Collected data on Mexican saint celebrations through online encyclopedias and news articles in order to analyze how timing of celebrations correlated to economic development of municipalities
- Categorized saint data using STATA and cleaned data in order to increase validity and improve results for analysis

PROJECTS

Financial Econometrics Research   University of Michigan
Coursework in Econometrics / Time Series   *Jan.2016 - Apr.2016*

- Constructed impulse responses using monthly VAR(24) model to analyze impact of Oil Demand/Supply shocks on cumulative real stock returns during the early 2000s recession and Great Recession
- Back-tested monthly factor models on Matlab using PCA to forecast 1-year ahead cumulative U.S. stock returns using broad set of macroeconomic predictors

SKILLS AND INTERESTS

Skills: C++, Python, R, Matlab, SQL, Stata, and Bloomberg Terminal
Languages: Bilingual in English and Spanish
Citizenship: Permanent Resident (Green Card Holder)