|  |  |  |
| --- | --- | --- |
| Website: [israeldi.github.io](https://israeldi.github.io/) | **Israel Diego-Guerra** |  |
| 185 Lake Village Dr. Apt. 103, Ann Arbor, MI | [israeldi@umich.edu](mailto:israeldi@umich.edu) | (734) 845-8431 | | |

# 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)