

Website: [israeldi.github.io](https://israeldi.github.io)

# Israel Diego-Guerra

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## EDUCATION

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### University of Michigan

*Master of Science in Quantitative Finance and Risk Management*

Ann Arbor, MI

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

*Bachelor of Science in Economics and Mathematics of Finance*

Ann Arbor, MI

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

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### Northwestern Mutual

*Financial Advisor*

Ann Arbor, MI

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

*Consulting Summer Intern*

Lake Forest, IL

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)

*Research Assistant for Professor Dean Yang*

Ann Arbor, MI

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

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### Financial Econometrics Research

*Coursework in Econometrics / Time Series*

University of Michigan

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

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