

# SILVIA FUENTES

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## EDUCATION

### UNIVERSITY OF MIAMI BUSINESS SCHOOL

Coral Gables, Florida

*Master of Science in Business Analytics*

May 2019

- **GPA:** 4.00 / 4.00
- **Relevant Coursework:** Applied Regression Analysis and Forecasting; Data Gathering, Preparation and Visualization; Data Mining; Data Analysis; Stochastic Models in Operations Research; Computer Simulation Systems; Management Science Optimization and Decision Making; C++; Java; Multivariable Calculus; Discrete Math; Linear Algebra; Financial Modeling
- **Technical Skills:** R, Python (in progress), MATLAB, SQL, Tableau, MS Excel VBA

*B.S. Business Analytics and Finance. Minor in Mathematics*

December 2018

- **Honors:** Magna Cum Laude

## WORK EXPERIENCE

### CITIGROUP

New York, New York

*Markets – Sales and Trading Summer Analyst*

June to August 2018

- Analyzed risk of different Foreign Exchange structures by performing backtesting analysis to arrive at highest return strategy
- Created an interactive financial model using Excel VBA to visualize bond's sensitivity to changes in time and interest rates

### CATEGORY 5 STUDENT-MANAGED INVESTMENT FUND

Miami, Florida

*Financial Analyst*

August 2017 to August 2018

- Collected data and estimated the market value of a publicly traded company using comparable companies analysis and DCF valuation with the purpose of presenting findings to fund managers
- Conducted research and quantitative analysis on \$1,000,000 portfolio with assets invested in publicly traded equities and ETFs

### WOMEN'S TENNIS ASSOCIATION (WTA)

Valencia, Spain

*Professional Tennis Player*

January 2009 to December 2013

- Reached World Ranking of 999 in Singles and 879 in Doubles at age 16
- Traveled and competed internationally in Top-Tier tennis tournaments across Europe and Africa

## PROJECTS

### COMPANY BANKRUPTCY

December 2018

- Used R to build an extreme gradient boosting model that combined econometric measures to assess financial conditions of a firm as well as its future perspectives, achieving an accuracy of 94%

### INCOME PREDICTION COMPETITION – TOP 6% OUT OF 112

September 2018

- Used R to predict income levels of individuals based on demographic factors by applying multiple linear regression

## LEADERSHIP EXPERIENCE

### UNIVERSITY OF MIAMI

Coral Gables, Florida

*President of Business Analytics Club*

August 2018 to Present

- Facilitate workshops in programming languages and data visualization tools (R, SQL, Python, SAS, Tableau, and MATLAB among others) and coordinate seminars with leading experts in the Data Science field
- Developed strategic plan by leading a seven-member team in a brainstorming session, and implemented actionable plan to include expectation setting, website development, calendar of events, social media campaigns, and division of responsibilities

### UNIVERSITY OF MIAMI DIVISION I TENNIS TEAM

Miami, Florida

*Co-Captain*

August 2014 to Present

- Devoted over 40 hours per week to training, team meetings, physical therapy, strength training, and competitive play while maintaining full course load
- Acted as a mentor for younger team members, and led cross-functional team's efforts to victory by implementing strong work ethic, discipline, perseverance, and goal setting

## HONORS, ACTIVITIES AND INTERESTS

**Honors:** President's Honor Roll (GPA 4.0), Intercollegiate Tennis Association Scholar-Athlete of the Year (Varsity Letter Winner and GPA 3.50+), Full Athletic Scholarship Recipient

**Languages:** Native in Spanish, Fluent in English

**Activities:** Miami Business School Mentor Program with focus on Computer Systems

**Interests:** World Travel, Motivational Reading, TED Talks, Augmented Reality