

# Miguel Angel Vargas Castillo

+34 685176266 | [mvargascastillo1@fordham.edu](mailto:mvargascastillo1@fordham.edu) | [linkedin.com/in/miguelangel-vargas-castillo](https://www.linkedin.com/in/miguelangel-vargas-castillo) | New York, NY

## EDUCATION

### **Fordham University**

*Bachelor of Mathematics*

*Bachelor of Business*

Dual Degree Majors: Mathematics, Finance

GPA: 3.76; Honor: Dean's Scholarship (\$20,000)

New York, NY

May 2027

May 2027

### **King's College Madrid** – Madrid, Spain

June 2023

**Relevant Coursework:** Calculus II, Linear Algebra, Discrete Math, Statistics II, Principles of Financial Accounting

## EXPERIENCE

### **Goldman Sachs**

New York, NY

*Participant of GS Possibilities Summit*

January 2024 – January 2024

- Selected out of a pool of 10,000+ applicants for a 2-week-long virtual program
- Attended 23 formational sessions and gained insight about 17+ divisions across the firm
- Networked with 120+ professionals in the financial services industry

## LEADERSHIP AND OTHER ACTIVITIES

### **The Forage, JP Morgan Chase & Co** – New York, NY

February 2024 – Present

- Completing the "Quantitative Research" Program
- Learning about the commodities market, derivatives pricing, FICO scores & customer's probability of default
- Creating Python models that analyze data to take a date as input and return a price for past and future estimates, estimate the probability of default for a borrower, and bucket customers with various FICO scores

### **Fordham Quant Club, Quantitative Analyst** – New York, NY

January 2024 – Present

- Developing a trading algorithm that has generated 60% growth over 12 months during back-testing
- Collaborating in fund management through various market strategies and complying with tax laws
- Conducting market analysis and industry research

### **LC Econ Society, Columnist** – New York, NY

October 2023 – Present

- Helped in the publication of +3 monthly newsletters by providing feedback and edits to drafts
- Redacted +3 columns on European economic trends/events in the Society's newsletter
- Distributed to 10,000+ undergraduate students at Fordham University

### **LaLiga automated betting, Personal Project** – New York, NY

September 2023 – Present

- Collected 600+ entries of data from LaLiga games
- Analyzed the most likely number of goals for 50+ games through statistical and probability methods
- Developing a systematic approach to gain profits by correctly forecasting the number of goals in a game

### **KC Math Society, Founder & President** – Madrid, Spain

January 2022 – June 2023

- Founded the society and obtained +40 regular members
- Organized weekly math help rooms and sessions for university-level coursework
- Planned a total of 33 weekly mathematical riddles for +1000 students to solve

### **AD Cala Pozuelo, Team Captain** – Madrid, Spain

August 2019 – June 2023

- Elected as Team Captain by my peers for 4 consecutive years
- Achieved promotion to highest U18 soccer division ever held by the club
- Won 2 league titles and finished in the Top 4 during 4 consecutive years
- Developed crucial leadership and empathic skills

## SKILLS AND INTERESTS

**Computer/Technical:** Microsoft Excel, Python, R, Photoshop

**Languages:** Spanish (Native), English (Fluent), French (Fluent)

**Personal Interests:** Soccer, Chess, Harry Potter

**My Diversities:** Race/Ethnicity (Hispanic or LatinX)