

Miguel Angel Vargas Castillo

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EDUCATION

Fordham University

Bachelor of Science

Double Major: Mathematics, Finance

GPA: 3.83; Honor: Dean's Scholarship

New York, NY

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

BHD International Bank Panama

Panama City, Panama

Asset Management Summer Intern

May 2024 – August 2024

- Optimized complex bond-portfolio Excel model by coding a Python script based in Openpyxl and Numpy libraries
- Researched and analyzed 75+ annual reports of broker firms and collecting the key information in Excel
- Supported the Operations Team by cross-referencing clients' accounts with BHD's portfolios

Goldman Sachs

New York, NY

Participant of GS Possibilities Summit

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

LC Math Club, President – New York, NY

September 2024 – Present

- Continued club operations after being inactive for 1 year
- Recruited 10 regular members
- Organising weekly meetings where math topics are discussed, games are played, and guest speakers are invited
- Preparing for the University's first-time ever participation in the Putnam Competition

Fordham Quant Club, Board member – New York, NY

January 2024 – Present

- Founded club and recruited 20 regular members
- Contributed to the design of trading algorithm that generated 60% growth over 12 months during back-testing
- Implemented the algorithm for the past 3 months and achieved 30% return

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

LC Econ Society, Columnist – New York, NY

October 2023 – May 2024

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

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, C++, Adobe Photoshop and Premiere

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

Personal Interests: Soccer, Chess, Poker, Harry Potter

My Diversities: Race/Ethnicity (Hispanic or LatinX)