

Samuel Fernando Rivera

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EDUCATION

Duke University - The Fuqua School of Business

Master of Management Studies

Durham, NC

July 2023 – May 2024 | GPA: 3.5

Relevant Coursework: Business Economics, Capital Markets, Corporate Finance, Cost and Managerial Accounting, Financial Accounting, Financial Analysis, Market Research, Modeling and Decision Analysis, Quantitative Business Analysis, Strategy

Duke University

Durham, NC

Bachelor of Science in Computer Science, Minor in Japanese

August 2019 – May 2023 | GPA: 3.4

Relevant Coursework: AI, Computer Security, Cyber Policy, Data Science, Data Structures and Algorithms, Multivariable Calculus

PROFESSIONAL EXPERIENCE

La Espiga De Oro Bakery

Chicago, IL

Website Developer Intern

March 2024 – May 2024

- Developed a dynamic website prototype using HTML, CSS, and JavaScript, aligning design with brand identity.
- Crafted an intuitive user interface to enhance user experience, projecting a 20% increase of in-store foot traffic.
- Collaborated with bakery staff to ensure the website met business objectives, delivering accurate and engaging content.

Amogy

Durham, NC

Student Consultant – Fuqua Client Consulting Practicum (FCCP)

January 2024 – March 2024

- Developed a quantitative framework integrating ESG metrics and economic indicators to identify high-potential markets.
- Analyzed market data across 10 countries, using criteria like industry potential, economic factors, and public perception.
- Identified top 3 second-mover markets for expansion, projecting 20% market share growth over 15 years.

COURSE PROJECTS

Full-Scale Valuation of Keurig Dr. Pepper

Durham, NC

ACCOUNTG 512F: Fundamentals of Financial Analysis

April 2024

- Developed a detailed financial model and conducted a comprehensive valuation analysis, forecasting income statements, balance sheets, and cash flows to determine the intrinsic value of Keurig Dr. Pepper.
- Performed comparative analysis and financial ratio analysis to evaluate the company's performance relative to industry peers, identifying key drivers of value and areas for financial improvement.

Grupa Nogueira Case

Durham, NC

DECISION 517F: Modeling and Decision Analysis

April 2024

- Developed an optimization model using Excel's Solver add-in to recommend production plans, optimizing resource allocation and distribution logistics to maximize profitability.
- Conducted sensitivity analysis to evaluate the impact of various strategic decisions, providing recommendations that projected significant profitability improvements.

Grosse Pointe Associates and the 'Microvan' Case

Durham, NC

MARKETNG 551F: Fundamentals of Market Research

February 2024

- Conducted market segmentation analysis using IBM SPSS software, including factor analysis and cluster analysis, to identify key target segments and recommend market positioning.
- Utilized regression and crosstabs analysis with IBM SPSS to evaluate the relationship between consumer preferences and demographic variables, providing insights into promising market segments.

Valuation of AirThread Connections

Durham, NC

FINANCE 524F: Foundations of Capital Markets

October 2023

- Developed a comprehensive valuation model for AirThread using the Weighted Average Cost of Capital (WACC) method, incorporating CAPM to estimate cost of equity and debt.
- Conducted a detailed sensitivity analysis to evaluate the impact of key assumptions, such as growth rates and EV/EBITDA multiples, on the valuation, providing strategic recommendations for merger negotiations.

Highland Park Wood Case

Durham, NC

DECISION 516F: Quantitative Business Analysis

August 2023

- Developed regression models using the Excel add-in FSB Stats to forecast prices, achieving high prediction accuracy and providing actionable insights for cost reduction.
- Conducted cost-benefit analysis to optimize purchasing strategy, recommending solutions that reduced costs and maximize profitability.

ACHIEVEMENTS AND LEADERSHIP

Men's Cross Country and Track Team

Durham, NC

Varsity Member

August 2019 – May 2024

- Awarded ACC Freshman of the Year (2019) and selected for All-ACC Academic Team (2019, 2021, 2022, 2023) for outstanding athletic and academic performance.
- Successfully balanced 35 hours of rigorous training per week with a full academic schedule, demonstrating strong organizational and time management skills, resilience, and dedication.
- Collaborated with team members to develop strategies and achieve collective goals, contributing to the team's overall success and cohesion.

TECHNICAL SKILLS AND INTERESTS

Languages: Spanish (Proficient), Japanese (Intermediate)

Programming and Tools: Python, Excel, SQL, Git, IBM SPSS, R, C++, Java, Tableau

Analytical Skills: Data Analysis, Statistical Analysis, Regression Analysis, Quantitative Analysis, Quantitative Modeling, Optimization Models, Financial Analysis, Financial Modeling, Risk Management, Market Research

Interests: Data Analytics, Financial Markets, Algorithmic Trading, AI, Business Strategy, Quantitative Research, Financial Journalism, Corporate Culture, Tech Trends, Self-development, Lifelong Learning, Stoicism, New Wave Music, Outdoors, Socializing, Coffee, Video Games, YouTube