Samuel Fernando Rivera

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EDUCATION

Duke University - The Fuqua School of Business   **Durham, NC**
M.S. in Management Studies   May 2024 | **GPA**: 3.488
Relevant Coursework: Financial Analysis, Corporate Finance, Capital Markets, Quantitative Business Analysis, Modeling and Decision Analysis, Business Economics, Cost and Managerial Accounting, Market Research, Financial Accounting, Strategy

Duke University   **Durham, NC**
B.S. in Computer Science, Minor in Japanese Literature   May 2023 | **GPA**: 3.364
Relevant Coursework: Data Structures and Algorithms, Data Science, Multivariable Calculus, AI, Cyber Policy, Computer Security

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: 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: 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.

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.
- Collaborated with team members to develop strategies and achieve collective goals, contributing to the team's overall success and cohesion.
- Demonstrated resilience and dedication by consistently training and competing at a high level, overcoming challenges and setting personal records.

TECHNICAL SKILLS AND INTERESTS

Languages: Spanish (Proficient), Japanese (Intermediate)
Programming and Tools: Python, Excel, SQL, Git, IBM SPSS, R, MATLAB, C++, Java
Analytical Skills: Data Analysis, Quantitative Analysis, Financial Analysis, Statistical Analysis, Regression Analysis, Quantitative Modeling, Financial Modeling, Optimization Models, Risk Management, Market Research
Interests: Data Analytics, Financial Markets, Algorithmic Trading, AI, Business Strategy, Quantitative Research, Self-development, Lifelong learning, Corporate culture, Business Podcasts, Outdoors, Socializing, Medium Roast Coffee, Harvard Business Review, YouTube