Brendan N. Lee

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PROFESSIONAL EXPERIENCE

Financial Research and Product Development Analyst
CME Group

July 2022 – Present

New York, NY

- Conducts market analysis and provides insight on market trends and client needs to inform product development and strategy
- Collaborates with cross-functional teams, including sales, marketing, and operations, to support the successful launch and growth of new interest rates derivative products such as Treasury, reference rate, and mortgage futures
- Performs data cleaning and manipulation techniques using R and other programming languages in order to quickly source data and streamline tasks
- Maintains product suite to support the company's long-term growth and success through unprecedented rates environment
- Manages the research processes and identified opportunities for automation to improve efficiency and effectiveness within the Research and Product Development team
- Streamlined process of determining Treasury deliverable basket by automating the calculation process of conversion factors

Financial Research and Product Development Intern
CME Group

May 2021 – May 2022

New York, NY

- Designed and developed a data visualization tool in R that streamlined data analysis and content creation
- Participated in product review and improvement processes to ensure ongoing product relevance and value to clients
- Created and maintained product performance metrics to track and report on product growth and success
- Authored technical papers, presentations, and other content to educate clients about new interest rate offerings and their mechanics

ACADEMIC PROJECTS

Project Consulting
Senior Thesis Project

August 2021 – May 2022

Hoboken, NJ

- **Problem**: The Student Development and Alumni Engagement Office at Stevens Institute of Technology was noticing a decrease in donations from younger alumni, likely due to the antiquated donation portal
- **Solution**: Implemented new digital payments methods such as Venmo and Paypal that quickens and eases the donation process
- **Outcome**: New donation vendor led to increased donations across all demographics during the University's day of giving, leading to a total donation sum of $319,680 for the event

EDUCATION

Stevens Institute of Technology
Bachelor of Science in Quantitative Finance

- GPA: 3.9
- Awards: Summa Cum Laude, Presidential Scholarship, Dean's List all semesters
- Coursework: Data Structures, Algorithms, Risk Management, Econometrics, Advanced Time Series and Machine Learning, Fixed Income, Derivatives, Financial Market Microstructure & Trading Strategies

TECHNICAL SKILLS

Programming: R, Python, SQL, HTML, CSS
Software: Bloomberg, Tableau, Microsoft Office (Advanced Excel), Anaconda
Libraries and Frameworks: pandas, NumPy, Matplotlib, scikit-learn

INTERESTS

Creative: Classical and Jazz Piano, Reading, Movies, Puzzles, Portrait Drawing
Physical: Skiing, Snowboarding, Backpacking