Maxwell Blader

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EDUCATION

Vanderbilt University   **Nashville, Tennessee**
B.S. Economics; Minors in Data Science and Business   *Expected May 2025*
Relevant coursework: Economic Statistics, Applied Programming with Python, Applied Machine Learning, Generative Artificial Intelligence, Fundamentals of Data Science, Energy and Sustainability - An Engineering Approach
Activities: NCAA D1 Men's Cross Country, Vandy Quants, University Catholic at Vanderbilt, Vanderbilt Consulting Club

PROFESSIONAL EXPERIENCE

National Grid Renewables   **Bloomington, Minnesota**
Trading Intern (US Power Trading Desk)   *May 2024 – August 2024*
• Created daily ERCOT and PJM load forecasts in Power BI using live API data and optimized queries with historical data
• Streamlined the Renewable Energy Credits (RECs) transaction and tracking process using automation and Python
• Maximized power asset value in day-ahead and real-time markets, optimizing positions while understanding P&L
• Developed overlaid net load analysis screens for separate days, enabling traders to make informed decisions
• Estimated Test Energy & REC revenue using forward pricing models, adjusting for COD delays & solar production profiles

AlphaSweeps   **Minneapolis, Minnesota**
Data Analyst Intern   *May 2023 – August 2023*
• Supported the collection, cleaning, and analysis of financial data, focusing on options trading data
• Automated data analysis processes and generated insights using Python scripting
• Utilized SQL to query, manipulate, and analyze large datasets, aiding quantitative analysis for trading strategies

Charles Schwab   **Minneapolis, Minnesota**
Options Trader in PA   *May 2022 – August 2022*
• Engaged in volatility trading focused on single-stock options, particularly before and after earnings calls
• Successfully identified mispriced implied volatility in target tickers and their sympathy stocks
• Employed Principal Component Analysis to model implied volatility dynamics, enhancing trading decisions
• Utilized Options Time & Sales data from TD Ameritrade for real-time order flow analysis

Dellwood Country Club   **Dellwood, Minnesota**
Lead Caddie   *May 2021 – August 2021*
• Managed relationships with members to provide tailored solutions to their needs, including caddie advice
• Oversaw caddie operations to ensure a seamless and efficient golfing experience for members and guests

ATHLETICS

Vanderbilt Men's Cross Country   **Nashville, Tennessee**
NCAA Division I Men's Cross Country Student-Athlete   *August 2021 – Present*
• Engaged in intensive six-day-a-week training, averaging 30 hours weekly
• Served the Nashville community by participating in monthly voluntary events for underprivileged children

SKILLS AND INTERESTS

Skills: Excel, VBA, Financial Analysis & Research, Financial Modeling (DCF, Comps, Precedent Transactions, LBOs, Accretion/Dilution Analysis, Sum of Parts, etc.), Microsoft Office Suite, Technical Analysis, Python, Microsoft Power BI
Interests: Golf, Poker, Blackjack, Downhill Skiing, Scrambling, Trail Running, Wake Surfing, Surfing, Cliff Jumping, 500