

Charlena Lieck

Quantitative Analyst

Profile

Detail-oriented Quantitative Analyst with 1 year of experience in leveraging strong analytical and problem-solving skills to drive data-driven decision-making processes. Proficient in utilizing statistical models, programming languages, and data visualization tools to optimize business performance and mitigate risk. Adept at collaborating with cross-functional teams to develop innovative solutions and provide actionable insights. Demonstrated ability to adapt quickly in fast-paced environments and deliver results under tight deadlines.

Employment History

Senior Quantitative Analyst at Janus Henderson Investors, CO

May 2023 - Present

- Developed a quantitative investment model that increased the risk-adjusted returns of the firm's flagship equity fund by 15%, resulting in an additional \$200 million in assets under management within one year.
- Conducted a comprehensive review of the firm's existing risk management strategies, which led to the implementation of a new risk analytics system that reduced portfolio volatility by 10% and improved the Sharpe ratio by 0.25.
- Led a cross-functional team in the creation of a new fixed income strategy, attracting \$300 million in institutional investments and outperforming the benchmark by 4% annually over the first three years of operation.

Junior Quantitative Analyst at Arrow Electronics, CO

Aug 2022 - Apr 2023

- Successfully developed and implemented a new predictive analytics model for inventory management, resulting in a 15% reduction in excess stock and saving the company \$1.2 million in storage costs annually.
- Streamlined the company's sales forecasting process by creating an automated data pipeline, reducing the time spent on data collection and analysis by 30% and increasing forecast accuracy by 10%.
- Led a cross-functional team to identify key performance indicators for supply chain efficiency, leading to the development of a comprehensive dashboard that improved decision-making and contributed to a 7% increase in on-time deliveries.

Certificates

Chartered Financial Analyst (CFA)

Jun 2021

Certificate in Quantitative Finance (CQF)

Nov 2019

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Education

Master of Science in Quantitative Finance at University of Colorado Boulder, CO

Aug 2017 - May 2022

Relevant Coursework: Financial Econometrics, Portfolio Management, Derivative Securities, Risk Management, Financial Modeling, Algorithmic Trading, Machine Learning in Finance, Fixed Income Securities, and Stochastic Calculus.

Links

[linkedin.com/in/charlenalieck](https://www.linkedin.com/in/charlenalieck)

Skills

Python

R

SQL

MATLAB

Machine Learning

Tableau

SAS

Languages

English

Portuguese