



# MICHAEL ANDERSON

Senior Quantitative Trader

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## SUMMARY

Distinguished Quant Trader with over a decade of experience in financial markets, specializing in algorithmic trading strategies and risk management. Demonstrated expertise in developing high-frequency trading models that leverage statistical analysis and machine learning techniques. Proven ability to analyze complex datasets and extract actionable insights, enhancing trading performance and profitability. Skilled in optimizing trading infrastructure to maximize execution efficiency and minimize latency.

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## WORK EXPERIENCE

### Senior Quantitative Trader Global Investment Firm

Jan 2023 - Present

- Developed and implemented proprietary trading algorithms using Python and R.
- Conducted quantitative analysis to identify market inefficiencies and trading opportunities.
- Collaborated with technology teams to enhance data processing capabilities.
- Monitored trading performance and adjusted strategies based on real-time data.
- Performed risk assessments and implemented hedging strategies to mitigate exposure.
- Trained junior traders on quantitative methodologies and market analysis.

### Quantitative Analyst Leading Hedge Fund

Jan 2020 - Dec 2022

- Analyzed large datasets to develop predictive models for market trends.
  - Utilized advanced statistical techniques to optimize trading strategies.
  - Presented findings to stakeholders to inform investment decisions.
  - Engaged in backtesting of trading strategies to assess viability.
  - Collaborated with portfolio managers to align strategies with fund objectives.
  - Contributed to the development of risk management frameworks.
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## EDUCATION

### Master of Financial Engineering, Columbia University

Sep 2019 - Oct 2020

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## ADDITIONAL INFORMATION

- **Technical Skills:** Algorithmic Trading, Statistical Analysis, Machine Learning, Risk Management, Python, R, Data Analysis
- **Awards/Activities:** Increased trading profitability by 30% through algorithm optimization.
- **Awards/Activities:** Received 'Trader of the Year' award for outstanding performance in 2022.
- **Awards/Activities:** Authored a research paper published in a leading finance journal.
- **Languages:** English, Spanish, French