

MICHAEL ANDERSON

Senior Algorithmic Developer

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Dynamic Algorithmic Finance Specialist with an extensive background in data-driven decision-making and algorithm development. Expertise in utilizing advanced analytical techniques to create robust trading systems that respond to market dynamics. Proven ability to collaborate effectively with diverse teams to implement innovative financial solutions. Strong commitment to ethical practices and regulatory compliance in trading activities.

WORK EXPERIENCE

Senior Algorithmic Developer | Investment Bank

Jan 2022 – Present

- Designed and implemented algorithmic trading systems that improved execution speed by 40%.
- Utilized machine learning to develop predictive models for market behavior.
- Collaborated with traders to identify and capitalize on trading opportunities.
- Conducted performance analysis to refine trading algorithms and strategies.
- Maintained compliance with industry regulations and best practices.
- Provided training on algorithmic trading techniques to junior staff.

Financial Data Scientist | Tech-Driven Hedge Fund

Jul 2019 – Dec 2021

- Analyzed large datasets to develop insights that inform trading strategies.
- Utilized statistical software to model financial data and predict market trends.
- Collaborated with IT teams to enhance data processing capabilities.
- Developed visualizations to communicate complex data findings to stakeholders.
- Maintained documentation of data analysis methodologies for internal use.
- Participated in continuous learning initiatives to stay updated on financial technologies.

SKILLS

data-driven decision-making

algorithm development

machine learning

regulatory compliance

teamwork

performance analysis

EDUCATION

Master of Science in Data Science

2015 – 2019

Columbia University

ACHIEVEMENTS

- Increased trading efficiency by 30% through innovative algorithm enhancements.
- Recognized for excellence in algorithm design at an industry awards ceremony.
- Contributed to a successful trading strategy that significantly improved firm profitability.

LANGUAGES

English

Spanish

French