



MICHAEL ANDERSON

LEAD DATA SCIENTIST

PROFILE

Dynamic Applied AI Scientist with over 10 years of experience in the finance industry, specializing in algorithmic trading and risk management solutions. Extensive background in designing and implementing machine learning models that drive financial decision-making and operational efficiency. Proven ability to work with large datasets to extract insights and develop predictive analytics tools that optimize trading strategies.

EXPERIENCE

LEAD DATA SCIENTIST

FinTech Solutions, Inc.

2016 - Present

- Developed algorithmic trading models that increased portfolio returns by 20%.
- Collaborated with quantitative analysts to refine risk assessment models.
- Utilized machine learning techniques for fraud detection, reducing false positives by 40%.
- Designed data visualization dashboards for real-time trading insights.
- Conducted A/B testing to validate the effectiveness of trading algorithms.
- Presented comprehensive data reports to executive teams to inform strategic decisions.

DATA ANALYST

Global Investment Bank

2014 - 2016

- Analyzed market trends to support investment strategies using predictive analytics.
- Developed and maintained databases to track performance metrics.
- Created statistical models to forecast asset price movements with high accuracy.
- Worked with IT to enhance data collection processes for better model training.
- Prepared detailed reports on market conditions for senior management.
- Trained junior analysts on machine learning best practices and tools.

CONTACT

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- 📍 San Francisco, CA

SKILLS

- Algorithmic Trading
- Risk Management
- Financial Analytics
- Python
- SQL
- Tableau

LANGUAGES

- English
- Spanish
- French

EDUCATION

MASTER'S IN FINANCIAL ENGINEERING,
COLUMBIA UNIVERSITY, 2011

ACHIEVEMENTS

- Increased trading profits by over \$5 million through model optimization.
- Recognized as 'Top Innovator' in the finance sector by AI Finance Awards.
- Successfully led a project that reduced data processing time by 50%.