Ethan Miller

Financial Data Scientist

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LinkedIn | Portfolio

Financial data scientist specializing in predictive analytics and risk management

Experienced financial data scientist with eight years of experience developing AI-driven risk assessment models and investment strategies. Skilled in machine learning, quantitative analytics, and time series forecasting.

Professional Experience

Financial Data Scientist

WallStreet AI | New York, NY | August 2020 - Present

- Developed a credit risk assessment model that reduced loan default rates by 20%
- Designed an algorithmic trading model, increasing portfolio returns by 15%
- Built fraud detection algorithms that identified suspicious transactions with 95% accuracy

Quantitative Analyst

Global Finance Group | Chicago, IL | July 2016 - July 2020

- Created predictive models that improved investment forecasting accuracy by 30%
- Automated financial data processing, reducing manual workload by 40%
- Conducted time series analysis for market trend predictions

Education

Master of Science in Financial Engineering

Columbia University at New York, NY | May 2016

Key Skills

- **Risk modeling and portfolio optimization**
- **Machine learning for fraud detection**
- **Algorithmic trading strategies**
- **Python (Pandas, NumPy, Scikit-learn)**
- **Time series analysis**