Angela Moore

Applied Position: Securities Trader

Contact Information

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Professional Summary

High-performance Securities Trader with 5+ years of experience in quantitative trading strategies and market microstructure analysis. Specialist in US equities, ETFs, and cryptocurrency markets with expertise in algorithmic trading and systematic risk management. Consistently profitable with strong focus on technology-driven trading solutions.

Education

Master of Science in Computational Finance
Carnegie Mellon University | Pittsburgh, PA | 2019-2021
- GPA: 3.9/4.0 | Graduated with High Distinction
- Specialization: Algorithmic Trading & Risk Management
- Capstone Project: "Machine Learning Applications in High-Frequency Trading"

- Teaching Assistant: Quantitative Finance Methods (2 semesters)
- Carnegie Mellon Trading Competition Winner (2020, 2021)

Bachelor of Science in Computer Science & Mathematics
University of Washington | Seattle, WA | 2015-2019
- GPA: 3.8/4.0 | Summa Cum Laude
- Double Major: Computer Science & Applied Mathematics
- Honors: Phi Beta Kappa, ACM Programming Contest Finalist
- Senior Thesis: "Optimization Algorithms for Portfolio Construction"

Professional Experience

Senior Quantitative Trader

Susquehanna International Group | Seattle, WA | March 2022 - Present

Trading Performance:
- Execute systematic trading strategies across US equity, ETF, and crypto markets
- Manage daily trading volume of 150M+withaveragedailyP&Lof 85K
- Developed proprietary momentum and mean-reversion algorithms with 2.3 Sharpe ratio
- Lead quantitative research team of 4 junior traders and data scientists
- Maintain market making operations in 200+ ETFs with 99.7% uptime

Key Achievements:
- Generated $28M+ in gross trading profits for 2024 (Top 5% firm-wide)
- Developed ML-based crypto arbitrage strategy with 89% win rate
- Susquehanna "Trader of the Year" Award (2023)
- Mentored 3 junior traders who achieved profitability within 6 months

Algorithmic Trader

Jump Trading | Chicago, IL | June 2021 - February 2022

- Implemented low-latency trading strategies for US equity markets
- Optimized execution algorithms resulting in 15% reduction in market impact costs

- Collaborated with technology team on FPGA-based trading infrastructure
- Achieved consistent profitability with maximum drawdown under 2%
- Specialized in ETF arbitrage and statistical arbitrage strategies

Quantitative Research Intern

Two Sigma | New York, NY | Summer 2020

- Developed alternative data models for alpha generation in equity markets
- Backtested systematic trading strategies using proprietary research platform
- Created data visualization tools for portfolio risk monitoring
- Presented research findings to senior portfolio managers and researchers

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Technical Skills

Programming Languages

- **Expert:** Python, SQL
- **Advanced:** C++, Java
- **Intermediate:** R, MATLAB, JavaScript
- **Basic:** Go

Trading Platforms

- Bloomberg Terminal, Interactive Brokers, TradingView Pro
- MetaTrader 5, Binance API, Coinbase Pro
- FIX Protocol, QuickFIX

Machine Learning & AI

- TensorFlow/Keras, PyTorch, Scikit-learn

- XGBoost/LightGBM, Time Series Analysis
- Deep Learning, Natural Language Processing, Reinforcement Learning

Risk Management Tools

- RiskMetrics, VaR Models, Monte Carlo Simulation
- GARCH Models, Stress Testing, Portfolio Optimization
- Black-Scholes Models, Greeks Calculation

Certifications & Licenses

- Series 7, 55, 63 - FINRA Licensed (2021)
- CFA Level III Charterholder (2023)
- FRM (Financial Risk Manager) - GARP Certified (2022)
- Certified Bitcoin Professional (CBP) - C4 (2024)
- Python for Finance Professional Certificate - Wharton Online (2020)
- AWS Certified Solutions Architect (2023)

Professional Honors

- Susquehanna Trading Excellence Award (2023, 2024)
- Carnegie Mellon Outstanding Graduate Student (2021)
- University of Washington Computer Science Department Award (2019)
- Featured Speaker: QuantCon 2024 - "ML in Cryptocurrency Trading"

Additional Information

- **Languages:** English (Native), Mandarin (Conversational), Japanese (Basic)

- **Professional Interests:** DeFi Protocols, Quantum Computing, Blockchain Technology
- **Personal Interests:** Competitive Chess (USCF Rating: 1850), Marathon Running, Photography
- **Community Service:** Volunteer Coding Instructor - Girls Who Code Seattle Chapter

Publications

- "Deep Learning for Cryptocurrency Price Prediction" - Journal of Financial Data Science (2023)
- "Algorithmic Trading in Volatile Markets" - Quantitative Finance Review (2024)
