Shakour Alishahi

Market Making Systems Designer & Algorithmic Trader

Contact

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Professional Summary

Seasoned financial systems architect and algorithmic trading specialist with 12 years of experience in capital markets, including six years of hands-on market-making strategy execution in a top-tier brokerage. Creator of a Python-based, market-responsive decision support system (DSS) used for real-time order book analysis and liquidity optimization. Author of more than 200 published technical-analysis articles covering sector indices of the Tehran Stock Exchange. Backed by two years of project management experience leading fintech implementations and data-driven trading initiatives.

Core Expertise

- Market Maker DSS design & deployment
- Algorithmic trading framework development
- Certified in technical analysis and pattern recognition
- Python automation for trading workflows
- Spread management & liquidity optimization
- Financial research & publication

Professional Experience

Financial Trader & Market Making Strategist

Sina Behgozin Brokerage | Oct 2018 â€" Present

- Architected and launched a Python-based decision support system for real-time market making
- Integrated with Tehran Stock Exchange API for live order-book analysis
- Developed LSTM neural models to forecast price trends
- Automated trade reporting, reconciliation, and risk controls
- Optimized liquidity provision on 15+ high-volume equities
- Reduced manual interventions by 80% and accelerated price feedback
- Built proprietary algorithmic strategies for ETFs and large-cap stocks
- Implemented VaR-based risk-management protocols
- Mentored junior traders in market-making best practices

Senior Technical Analyst

Donya-e-Eqtesad (World Economy Newspaper) | Aug 2020 â€" May 2021

- Authored 200+ in-depth technical analysis articles on TSE sector indices
- Tracked market trends in automotive, petrochemical, and banking industries
- Provided actionable support/resistance signals for retail investors

Project Manager

Bedaan Inc | Dec 2015 â€" Jan 2023

- Managed end-to-end fintech projects from requirements gathering to deployment
- Coordinated cross-functional teams on financial-system implementations

Key Projects & Repositories

Market Maker Decision Support System

Python-driven trading infrastructure for market making
- Real-time liquidity analytics & spread monitoring
- Automated reconciliation & reporting workflows
- Predictive alerts for volatility spikes & market anomalies

MarketMakerReporter

Automated market-making performance reporting tool
(GitHub repository: Shakour-Data/MarketMakerReporter)

Project Management CLI & Workflows

Custom scripts for GitHub CLI, branching & CI/CD
(GitHub repository: Shakour-Data/ProjectManagement)

GravityWaves

Machine-learning stock-forecasting platform
(GitHub repository: Shakour-Data/GravityWaves)

Publications

Over 200 technical-analysis articles on various Tehran Stock Exchange sector indices in Donya-e-Eqtesad newspaper.

Education

Degree	Institution	Year
MBA, Data Science & Algorithmic Trading	Alzahra University	2021
B.Sc. Industrial Engineering	Mazandaran University of Sci. & Tech.	2007
CTA Certification	National Bank of Iran Brokerage	2013

Technical Skills

- **Trading Systems:** Market Making Â· Algorithmic Execution Â· Liquidity Provision
- **Analytics:** Technical Analysis (CTA) Â· Risk Management Â· Portfolio Optimization
- **Programming:** Python (Pandas Â· NumPy Â· TensorFlow) Â· API Integration Â· Google Sheets Automation
- **Tools:** Jira Â· Trello Â· Microsoft Excel Â· GitHub CLI

Languages

- Persian: Native
- English: Professional
- Arabic: Basic