

Shakour Alishahi

Market Making Systems Designer & Algorithmic Trader

Contact

- Phone: +98 912 446 7903
 - Email: shakouralishahi@gmail.com
 - Location: Tehran, Iran
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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
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Professional Experience

Financial Trader & Market Making Strategist

Sina Behgozin Brokerage | Oct 2018 – 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 – 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 – Jan 2023

- Managed end-to-end fintech projects from requirements gathering to deployment
 - Coordinated cross-functional teams on financial-system implementations
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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 · Algorithmic Execution · Liquidity Provision
 - Analytics: Technical Analysis (CTA) · Risk Management · Portfolio Optimization
 - Programming: Python (Pandas · NumPy · TensorFlow) · API Integration · Google Sheets Automation
 - Tools: Jira · Trello · Microsoft Excel · GitHub CLI
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Languages

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