PR/159790 | Execution Specialist – Algorithmic Execution

Job Information

Recruiter
JAC Recruitment Malaysia

Job ID
1564949

Industry
Bank, Trust Bank

Job Type
Permanent Full-time

Location
Malaysia

Salary
Negotiable, based on experience

Refreshed
May 12th, 2026 10:01

General Requirements

Minimum Experience Level
Over 1 year

Career Level
Mid Career

Minimum English Level
Fluent

Minimum Japanese Level
None

Minimum Education Level
Associate Degree/Diploma

Visa Status
No permission to work in Japan required

Job Description

A fast-growing, technology-driven firm specializing in advanced execution systems and data analytics for global financial markets is seeking a highly analytical and detail-oriented Execution Specialist to join our dynamic team.

In this role, you will be responsible for deploying, monitoring, and optimizing client algorithms to ensure precise execution and operational reliability across global markets. You'll actively manage real-time execution parameters, monitor market conditions, conduct post-execution analysis, and collaborate closely with our technology team to enhance system performance.

Key Responsibilities

- Algorithm Deployment & Monitoring: Oversee live execution algorithms, applying system-defined parameter adjustments based on real-time performance metrics.
- Market Awareness: Maintain continuous awareness of market conditions, indices, asset price movements, and relevant announcements.
- Performance Optimization: Monitor execution metrics (e.g., latency, fill quality), identify issues, and apply predefined

adjustments within documented procedures.
- Post-Execution Analysis: Analyze execution outcomes using Python (Pandas, NumPy) and deliver actionable insights.
- Technical Coordination: Collaborate with our Penang-based technology team to communicate operational issues and validate system enhancements.
- Risk Management & Controls: Operate within strict risk frameworks, documenting and escalating incidents transparently. All algorithm adjustments follow predefined rules—no discretionary authority is granted.
- Execution Data Ownership: Ensure the accuracy and availability of execution data for ongoing analysis and strategy refinement.

Key Requirements

- 3–5 years of experience in electronic execution, dealing, market-making, trading, or similar real-time, market-facing roles in investment banks, brokerages, proprietary trading firms, or financial institutions.
- Strong Python skills (Pandas, NumPy, Jupyter), familiarity with AI-driven analytics, Linux command-line proficiency, and Git.
- Proven analytical skills with the ability to interpret large datasets.
- Detail-oriented, calm under pressure, with disciplined judgment and strong risk management practices.
- Excellent communication skills and a commitment to ethics, accountability, and operational transparency.

Preferred Qualifications

- Experience with algorithmic execution systems, exchange protocols, and electronic market infrastructure.
- Solid understanding of market microstructure, order book dynamics, and liquidity management.
- Background in statistical analysis and parameter optimization.
- Familiarity with monitoring dashboards, anomaly detection, and automated alert systems.

Notice: By submitting an application for this position, you acknowledge and consent to the disclosure of your personal information to the Privacy Policy and Terms and Conditions, for the purpose of recruitment and candidate evaluation.

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Company Description