

Quantitative Developer/Software Engineer

Company Overview:

Kivi Capital is an investment management firm located in Gurgaon, India, that specializes in developing quantitative trading strategies and their execution through algorithmic trading infrastructure. The firm uses proprietary trading algorithms and strives to generate superior risk adjusted return for its clients. By deploying a range of sophisticated fund management strategies across asset classes in emerging markets, we are able to pursue opportunities that offer the highest potential for capital appreciation.

We are actively seeking software development engineers who are interested in designing robust trading systems and refining programs to efficiently manage various types of financial market data that facilitate our quantitative investment research. By designing and improving the firm's internal applications, the SDE will play a key role in expanding the firm's trading capabilities in markets around the world.

Responsibilities (include, but not limited to the following):

- Using advanced concepts of computer networking and systems programming to develop optimized, efficient, scalable, low-latency, and high-turnover high-frequency trading platform
- Developing scalable infrastructure to facilitate high-frequency market data capture
- Creating tools to analyze large sets of financial data for patterns and facilitate easy back-testing of patterns for trading simulations
- Building risk-management and performance-tracking tools
- Being the prime stakeholder for developing a motivated/high-performance core engineering team by recruiting and mentoring future hires to the team

Requirements

Our ideal candidate would have graduated with a degree in computer science, electrical engineering or related areas from a top university, along with:

- A strong background in data structures, algorithms, and object-oriented programming in C++
- Excellent analytical and problem solving abilities
- Well-versed in software engineering principles, frameworks and technologies
- Proficiency in Python, C++/C#, MATLAB/R/Octave
- Working knowledge of Linux
- Knowledge of database administration and network programming
- Past experience in dealing with large datasets will be a plus
- The ability to manage multiple tasks in a fast-paced environment

Familiarity with financial concepts is not required

Benefits

- Competitive salary
- Exposure to cutting edge research in computer science, mathematical finance and portfolio management
- Opportunity to be an integral part of a hedge fund that is looking to expand to new geographies and asset classes
- Meritocratic, collegial and entrepreneurial culture