

Job Notification Form, IIT Delhi

Company Overview

Name:	Open Futures
Website:	http://www.openfutures.in/
Company Type:	Private Sector
Description:	Open Futures as High-Frequency Traders

With the emergence of electronic trading, a need to process large amounts of market information and rapidly react to changes in the market arose. This led to the creation of a different kind of trading firm – a kind that uses advanced technology to do the above and greatly increases its earning potential.

Open Futures is amongst the Top 5 High-Frequency Trading (HFT) firms in India and was conceptualized along these lines. It was also the first to avail of NSE's co-location services.

Using a diverse set of algorithmic strategies and sophisticated technology, we trade securities in all asset classes, i.e. Futures, Options, Commodities, Equity, FX, etc. The trades are made by computers, and positions may be held for merely a fraction of a second. Our strategies are dynamic and respond rapidly to market changes. With this speed and reach for higher profits comes higher risk, but the rewards are exponentially greater than traditional buy-and-hold strategies.

We generate alpha by identifying advantageous opportunities using a systematic, meticulous quantitative approach.

Achieving lower latency is a constant goal – latency is the time that elapses from the moment a signal is sent to its receipt.

Open Futures as Market Makers

Open Futures actively operates as a Market Maker. Market Making is a process wherein a company quotes both buy and sell prices for securities, intending to make a profit on the bid-ask spread. Due to the advancements in technology that allow trades of high volumes to take place within a second, the profits add up to large amounts. Market makers satisfy the supply and demand of markets, thus increasing liquidity, lowering transaction costs, and overall making the process more efficient and market more stable. We provide liquidity in thousands of products at a large number of exchanges.

Job Details

Designation:	Algo Trader
Type:	Finance
Place of Posting:	Delhi NCR
Job Details:	<p>Responsibilities:</p> <ul style="list-style-type: none">• To work along-side Quantitative analysts and software developers to build High-Frequency Strategies to trade Financial Instruments

Frequency Strategies to trade Financial Instruments.

- Ensure that Risk exposure on trades/positions is adequately Management and hedged.
- Perform in-depth analysis of market parameters – volatility, etc.
- Evaluation and optimization of existing and new trading strategies.

Qualifications:

- A degree in Engineering, Mathematics, Statistics, or Computer Science.
 - Good knowledge of Mathematics, Statistics and Data Mining preferred.
 - Proficiency in C++, Python, R, Matlab.
 - Good problem-solving skills.
 - An ability to collaborate extensively with team members.
 - Hard-working, Self-Motivated and a willingness to see a task through to the end
- are some of the characteristics of the candidate we are looking to hire. Thinking out of the box is highly encouraged and an open environment to work/experiment is provided to those who are out there to learn and grow.

Joining By: June 1

Salary Details

CTC:	24 INR Per Annum
Gross:	24 INR Per Annum
CTC Breakup:	24 Lacs PF & Gratuity Included + Performance-based bonus: 3 slabs of 2, 4, and 6Lakh respectively Sign on bonus 2Lakhs Gratuity: as per rules
Perks / Bonus:	Performance-based bonus: 3 slabs of 2, 4, and 6Lakh respectively Gratuity: as per rules

Selection Process

Resume Shortlist:	Yes
Written Test:	Yes
Online Test:	No
Group Discussion:	No
Medical Test:	No
Personal Interview:	Yes
No. of Rounds:	4
No. of Offers:	6
Minimum CGPA:	7

Eligibility

**Recruiting
PHDs:** No

**Eligible
Departments:** B.Tech in Computer Science & Engineering, B.Tech in Mathematics & Computing, B.Tech and M.Tech in Computer Science & Engineering, B.Tech in Textile Engineering and M.Tech in Computer Science & Engineering, B.Tech in Chemical Engineering and M.Tech in Computer Science & Engineering, B.Tech in Production & Industrial Engineering and M.Tech in Computer Science & Engineering, B.Tech in Engineering Physics and M.Tech in Computer Science & Engineering, B.Tech in Mechanical Engineering and M.Tech in Computer Science & Engineering, B.Tech and M.Tech in Mathematics & Computing, B.Tech in Electrical Engineering, B.Tech in Electrical Engineering (Power and Automation)