Company:
Company
Name:

Nature Of
Business:

Designation

Quantbox Research Pvt Ltd

High Frequency Trading

Analyst - Core Engineering

Tentative Job Location :

Description:

Bangalore

We are Quantbox. A team of programmers and mathematicians, entrenched in the best of Artificial Intelligence and Machine Learning.

Our common goal is to conquer markets and achieve the best returns for our clients. We apply our expertise in mathematics and cutting-edge technology to trade, in global financial markets. Meticulous and systematic research powers our proprietary trading algorithms and strategies. Bolstered by our 25+yr

combined trading experience and our in-house state-of-the-art low latency infrastructure platform, we execute our trades

with extreme efficiency in live markets. This gives us a significant edge over our competitors. With our eyes on the prize at all times,

we are agile, and learn, improve and adapt easily to any market environment. And the consistent returns do the talking!

We are looking for a Software Developer for our Core Engineering group to help us in designing our in-house low latency software stack. A day-to-day work includes (but not limited to):

- Designing, developing and testing proprietary software including
- Low-latency high-throughput exchange connectivity layers
- Distributed computation optimized backtesting and simulation systems capable of handling terabytes of data Risk systems with real time trade management and risk analysis
- Identifying complex problems, coming up with innovative solutions and communicating them with your team in order to advocate their implementation
 - Collaboration with other software developers, quantitative traders and researchers in cross-functional team environments

QUALIFICATIONS:

Quantbox encourages bachelor's, and master's students in computer science, mathematics and related fields to apply. Additional requirements include:

- Excellent Software Development knowledge demonstrated through course work, research projects, or open source activities
 - Proficiency in C++, object oriented design, GDB
 - A strong understanding of data structures and algorithms
 - Exposure to network programming (TCP/IP), concurrent programming (multiâ€threaded applications),

Operating systems concepts - Experiene with Linux/Unix

- Brilliant problem-solving abilities
- A passion for new technologies and ideas
 - Strong communication skills

st Financial experience is not required but interest in financial markets is a plus.

	Program	AE BSBE	СЕ СНЕ	CSE	EE ES ME	MSE	PHY	СНМ	МТН	ECO	DES	IME	CGS	HSS	EEM	MSP	NET	PSE	Stats
	BT	No No	No No	Yes	Yes No	No													
	BS				No		No	No	Yes	No									
	MT	No No	No No	Yes	Yes No No	No						No			No	No	No	No	
	DoubleMajor	No No	No No	Yes	Yes No	No	No	No	Yes	No									
	dual	No No	No No	Yes	Yes No No	No	No	No	Yes	No									
Eligibilty:	dualB	No No	No No	Yes	Yes No	No	No	No	Yes	No		No			No		No	No	
	dualC	No No	No No	Yes	Yes No No	No	No	No	Yes	No	No	No							
	Mdes										No								
	MBA											No							
	Phd	No No	No No	No	No No No	No													
	MSc						No	No	Yes										Yes
	MSR	No No	No No	Yes	Yes No	No							No					No	
Cost to																			

Cost to Company:

80 lakh INR

Base: 30 Lakh

One-time Sign On: 2 Lakh

Tech Budget - 1 Lakh

Package
Details:

Non cash benefit (Group Health and Term Insurance, Annual Offsite) - 2 Lakh

Variable:

- 1st Year : 10-20 Lakh

- 2nd year : 15-25 Lakh]

Bond: False CPI CutOff: 0.0

Medical

Requirments Resume True **Shortlist:** Resume **Shortlist** N/A Criteria: Aptitude **False** Test: Group False **Discussion: Technical** True Test: **Technical** 30-45 min Test **Duration: Technical** False Interview: HR False

Interview: Additional Information: