Proforma

Companies open to your department

Company :	Quantbox Research Pvt Ltd
Company Name :	Quantbox Research Pvt Ltd
Nature Of Business :	High Frequency Trading
Designation :	Analyst - Core Engineering
Tentative Job Location :	Bangalore

Description :

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 bachelorâ€™s, and masterâ€™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

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

Eligibilty :

Department	BT	BS	MT	DoubleMajor	dual	dualB	dualC	Mdes	MBA	Phd	MSc	MSR
AE	N	-	N	N	N	N	N	-	-	N	-	N
BSBE	N	-	N	N	N	N	N	-	-	N	-	N
CE	N	-	N	N	N	N	N	-	-	N	-	N
CHE	N	-	N	N	N	N	N	-	-	N	-	N
CSE	Y	-	Y	Y	Y	Y	Y	-	-	N	-	Y
EE	Y	-	Y	Y	Y	Y	Y	-	-	N	-	Y
ES	-	N	N	-	N	-	N	-	-	N	-	-
ME	N	-	N	N	N	N	N	-	-	N	-	N
MSE	N	-	N	N	N	N	N	-	-	N	-	N
PHY	-	N	-	N	N	N	N	-	-	N	N	-
CHM	-	N	-	N	N	N	N	-	-	N	N	-
MTH	-	Y	-	Y	Y	Y	Y	-	-	N	Y	-
ECO	-	N	-	N	N	N	N	-	-	N	-	-

DES	-	-	-	-	-	-	N	N	-	N	-	-
IME	-	-	N	-	-	N	N	-	N	N	-	-
CGS	-	-	-	-	-	-	-	-	-	N	-	N
HSS	-	-	-	-	-	-	-	-	-	N	-	-
EEM	-	-	N	-	-	N	-	-	-	N	-	-
MSP	-	-	N	-	-	-	-	-	-	N	-	-
NET	-	-	N	-	-	N	-	-	-	N	-	-
PSE	-	-	N	-	-	N	-	-	-	N	-	N
Stats	-	-	-	-	-	-	-	-	-	N	Y	-

Cost to Company :	80 lakh INR
Package Details :	Base: 30 Lakh One-time Sign On: 2 Lakh Tech Budget - 1 Lakh 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
Medical Requirements :	
Resume Shortlist :	True
Resume Shortlist Criteria:	N/A
Aptitude Test:	False
Group Discussion:	False
Technical Test:	True
Technical Test Duration:	30-45 min
Technical Interview:	False
HR Interview:	False