Proforma

Companies open to your department

Company :	AlphaGrep
Company Name :	AlphaGrep
Nature Of Business :	HFT
Designation :	Software Engineer
Tentative Job Location :	Mumbai / Bangalore

Description :

AlphaGrep Securities Private Limited is a proprietary trading firm focused on algorithmic trading in asset classes across the globe. We have offices in Mumbai, Bangalore, Singapore, ShanghaiÂ and London

We are one of the largest firms by trading volume on Indian exchanges, and have significant market share on several large global exchanges as well. We use a disciplined and systematic quantitative approach to identify factors that consistently generate alpha. These factors are then coupled with our proprietary ultra-low latency trading systems and robust risk management to develop trading strategies across asset classes (equities, commodities, currencies, fixed income) that trade on global exchanges.

RESPONSIBILITIES:

AlphaGrep Securities seeks a Software Developer who will be part of our Core Engineering group. This team designs in â€"house trading applications which are robust and extremely fast.

- Design, develop and test proprietary software. Examples include:
  - Trading strategy simulation software optimized for distributed computation
  - Large scale data acquisition, storage, accessibility, and visualization
  - Real time trade management and risk analysis

- Identify innovative solutions to complex problems and advocate for their implementation to your team by communicating your ideas in a clear and concise manner
- Collaborate with other software developers, quantitative traders and researchers in cross-functional team environments

QUALIFICATIONS:

AlphaGrep 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, preferably in Â C++
- A strong understanding of in object oriented design, data structures and algorithms
- Brilliant problem-solving abilities
- Exposure to network programming (TCP/IP), multiâ€threaded applications, computational intelligence and realâ€time programming
- A passion for new technologies and ideas
- The ability to manage multiple tasks in a fast-paced environment
- Strong communication skills
- A working knowledge of Linux/Unix

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	-	N	Y	Y	Y	Y	-	-	N	-	N
EE	Y	-	N	Y	Y	Y	Y	-	-	N	-	N
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	-	N	-	N	N	N	N	-	-	N	N	-
ECO	-	N	-	N	N	N	N	-	-	N	-	-
DES	-	-	-	-	-	-	N	N	-	N	-	-

	1	2	3	4	5	6	7	8	9	10	11	12
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	N	-

Cost to Company :

CTC - 30,00,000 per Annum

Joining bonus - 2,00,000 (paid with 1st month salary)

First Year Performance Bonus 10 to 20 Lacs (Minimum Guaranteed 10 Lacs)
Base Salary - 30,00,000 per Annum

Package Details :

Joining bonus - 2,00,000/-

First Year Performance Bonus 10 to 20 Lacs (Minimum Guaranteed 10 Lacs)

Benefits:-

Technology Budget - 1,00,000/-

Fitness Allowance - 15,000/year

Family Medical Insurance Cover - 6,00,000/-

Personal Accident Insurance - 10,00,000/-

Bond :	False
Medical Requirements :	NA
Resume Shortlist :	True
Resume Shortlist Criteria:	CGPA 8
Aptitude Test:	False
Group Discussion:	False
Technical Test:	True
Technical Test Duration:	90 to 120 mins
Technical Interview:	True
Technical Interview Duration:	45 to 60 mins
Number of Techincal Interview Rounds:	2
HR Interview:	False