

Company : AlphaGrep

Company Name : AlphaGrep

Nature Of Business : HFT

Designation : Software Engineer

Tentative Job Location : Mumbai / Bangalore

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, Shanghai 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-house trading applications which are robust and extremely fast.

- Description :**
- **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 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, preferably in C++**
- **A strong understanding of in object oriented design, data structures and algorithms**
- **Brilliant problem-solving abilities**
- **Exposure to network programming (TCP/IP), multi-threaded applications, computational intelligence and real-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.

Program	AE	BSBE	CE	CHE	CSE	EE	ES	ME	MSE	PHY	CHM	MTH	ECO	DES	IME	CGS	HSS	EEM	MSP	NET	PSE	Stats
BT	No	No	No	No	Yes	Yes	--	No	No	--	--	--	--	--	--	--	--	--	--	--	--	--
BS	--	--	--	--	--	--	No	--	--	No	No	No	No	--	--	--	--	--	--	--	--	--
MT	No	No	No	No	No	No	No	No	No	--	--	--	--	--	No	--	--	No	No	No	No	--
DoubleMajor	No	No	No	No	Yes	Yes	--	No	No	No	No	No	No	--	--	--	--	--	--	--	--	--
dual	No	No	No	No	Yes	Yes	No	No	No	No	No	No	No	--	--	--	--	--	--	--	--	--
dualB	No	No	No	No	Yes	Yes	--	No	No	No	No	No	No	--	No	--	--	No	--	No	No	--
dualC	No	No	No	No	Yes	Yes	No	No	No	No	No	No	No	No	No	--	--	--	--	--	--	--
Mdes	--	--	--	--	--	--	--	--	--	--	--	--	--	No	--	--	--	--	--	--	--	--
MBA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	No	--	--	--	--	--	--	--
Phd	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
MSc	--	--	--	--	--	--	--	--	--	No	No	No	--	--	--	--	--	--	--	--	--	No
MSR	No	No	No	No	No	--	No	No	--	--	--	--	--	--	--	No	--	--	--	--	No	--

CTC - 30,00,000 per Annum

Cost to Company : **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

Joining bonus - 2,00,000/-

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

Package Details : **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
CPI CutOff :	0.0
Medical Requirments :	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
Additional Information:	