

**Company :** AlphaGrep

**Company Name :** AlphaGrep

**Nature Of Business :** HFT

**Designation :** Quantitative Trader

**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, Gurgaon, Singapore 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 Quantitative Trader, who will be part of trading group which executes algorithmic strategies based on market behavior. We cover the global markets by leveraging and integrating technology, risk management and quantitative research. Being a proprietary trading business, we trade our own accounts and have no investors, clients or customers.**

- Description :**
- **Designing, implementing, and deploying high-frequency trading algorithms**
  - **Exploring trading ideas by analyzing market data and market microstructure for patterns**
  - **Creating tools to analyze data for patterns**
  - **Contributing to libraries of analytical computations to support market data analysis and trading**
  - **Developing, augmenting, and calibrating exchange simulators**

**QUALIFICATIONS:**

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

- **Familiarity with machine learning (a plus)**
- **Experience with data analysis, market research and data modeling (a plus)**
- **Brilliant problem-solving abilities**
- **Software development experience as demonstrated through course work, research projects, or open source activities, preferably in C++, Python or R/Matlab**
- **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	Yes	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	Yes	No	--	--	--	--	--	--	--	--	--
	dual	No	No	No	No	Yes	Yes	No	No	No	No	No	Yes	No	--	--	--	--	--	--	--	--	--
<b>Eligibility :</b>	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	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	--

**Base Salary - 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)**

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**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:	