Proforma

Companies open to your department

Company :	Graviton Research Capital LLP
Company Name :	Graviton Research Capital LLP
Nature Of Business :	
Designation :	Quantitative Researcher
Tentative Job Location :	Gurugram

Graviton Research Capital LLP is a proprietary trading firm founded by alumnus of IIT Delhi Â in 2014 and focused on algorithmic trading across asset classes internationally

Since inception the company has grown steadily and currently trades across global markets with significant market share

We strive for excellence in financial markets' research. Be it backtesting infrastructure or building new strategies, we employ some of the most advanced and sophisticated techniques to identify and profit from market inefficiencies.

Pursuit of complete automation of trading to ensure large scalable processes and systems drives us. Using a gamut of concepts and techniques ranging from pattern recognition to statistical inference, We analyse terabytes of data to come up with ideas which help us identify pricing anomalies in financial markets.

The big question is whether understanding the certain market dynamics is a key factor in making them forecastable to a certain degree. We believe the answer is Yes! The focus at Graviton, this remains to "understand" markets better to profit from them!

We bring the best of both worlds , a highly lucrative career in the financial industry with the openness ,casual work culture and room to Â work on complex technical challenges common in cutting edge technology firms

Description

Description :

- **Develop new or improve existing trading models using in-house platforms**

- **Use advanced mathematical techniques to model and predict market movements**

- **Analyse large financial datasets to identify trading opportunities**

- **Provide real time analytical support to experienced traders**

Requirements :

- **Possess a degree in a highly analytical field, such as Engineering, Mathematics, Computer Science from IITs schools**

- **Quantitative bentÂ of mind**

- **A working knowledge of Linux/Unix**

- **Programming experience, preferably in C++ or C**

- **No prior knowledge of financial markets is needed but must have a strong interest in learning about financial markets.**

- **Have a strong work ethic**

- **Hard Working**

Benefits:

Our open and casual work culture gives you the space to innovate and deliver. Our cubicle free offices , disdain for bureaucracy and insistence to hire the very best creates a melting pot for great ideas and technology innovations. Everyone on the team is approachable, there is nothing better than working with friends!

Our perks have you covered.

- **Competitive compensation**

- **30 days paid vacation**

- **Monthly after work parties**

- **Catered breakfast and lunch**

- **Fully stocked kitchen**

- **International team outing**

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	-	Y	-	Y	Y	Y	Y	-	-	N	N	-
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	N	-

Cost to Company : CTC: 82,00,000/-

- Signing Bonus : 2,00,000/-
- Base Salary : 30,00,000/-
- CTC: 82,00,000/-

Minimum Guaranteed Bonus for the first 2 years is 40,00,000/- and paid as detailed below

a. Minimum Guaranteed Bonus for first year - 15 Lakhs

Max Bonus for first year - 25 Lakhs

First year total comp projection as detailed below :

Package Details : Min : 2L+30L+15L= 47L

Max: 2L+30L+25L = 57L

b. **Minimum Guaranteed Bonus for second year** - **25 Lakhs**

- All benefits like insurance , international vacations , uber credits , staff welfare , laptops etc are not included in CTC
- Signing bonus of 2,00,000/- has a clawback in the event the candidate leaves before completing 1 year with the company.

Bond : False

Medical Requirements :

Resume Shortlist : False

Aptitude Test: False

Group Discussion: False

Technical Test:	True
Technical Test Duration:	N/A
Technical Interview:	True
Technical Interview Duration:	N/A
Number of Techincal Interview Rounds:	0
HR Interview:	True
HR Interview Duration:	N/A