Proforma

Companies open to your department

Company :	Graviton Research Capital LLP
Company Name :	Graviton Research Capital LLP
Nature Of Business :	
Designation :	Software Engineer
Tentative Job Location :	Gurugram
Description :	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

Job Description

As a Software Engineer with Graviton your responsibilities will include:

* Designing and implementing a high-frequency automated trading system, that trades on multiple exchanges

* Building live reporting and administration tools for the trading system

* Performance optimization and improving the overall latency of systems, through algorithm research and using cutting edge tools and techniques

* End-to-end ownership of modules, including designing, development, deployment and support

The ideal requirements for our candidates are:

* A degree in Computer Science

* Experience with C/C++ and object-oriented programming

* Expertise in algorithms and data structures

* Excellent problem solving skills

* Strong communication skills

* A working knowledge of Linux systems

Any of the following is a plus:

* A good understanding of TCP/IP and Ethernet

* Knowledge of any other programming language e.g. Java, Scala, Python, bash, Lisp, etc.

* Familiarity with parallel programming models and parallel algorithms

* Experience with big data environments e.g. Hadoop, Spark etc.

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

Package Details :

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

First year total comp projection

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

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

All benefits like insurance , international vacations , uber credits , staff welfare , laptops etc are not included in CTC

Signing bonus of 2,00,000/-Â Â has a clawback in the event the candidate leaves before completing 1 yearÂ Â with the company

Bond : False

Medical Requirements :

Resume Shortlist : True

Resume

Shortlist Criteria:	N/A
Aptitude Test:	True
Aptitude Test Duration:	N/A
Group Discussion:	False
Technical Test:	False
Technical Interview:	True
Technical Interview Duration:	N/A
Number of Techincal Interview Rounds:	0
HR Interview:	True
HR Interview Duration:	N/A