Job Notification Form, IIT Delhi

Company Overview

Name:	Graviton Research Capital LLP
Website:	www.gravitontrading.com
Company Type:	Other (High Frequency Trading)
Description:	Graviton is a high frequency trading firm with presence in international markets. We operate across all asset classes through the use of in-house trade execution strategies. We have a team with an enviable track record managing high volumes across various exchanges.

From research of new strategies via a cutting edge backtesting infrastructure to trading these strategies on in-house ultra low latency trading platforms, we use the latest techniques to detect and exploit inefficiencies in electronically traded markets. We trade across trading venues with substantial market share and seek to repeat our successes when venturing into new exchanges and products.

Job Details

Designation:	Software Engineer
Type:	Core (Technical)
Place of Posting:	Gurgaon
Job Details:	Graviton is a privately funded quantitative trading firm striving for excellence in financial markets research. Technology is at the center of what we do. Our proprietary trading platform operates at nanosecond latency and requires intense engineering.

As a software engineer you will have opportunities to work in a variety of fields ranging from low latency networking to compilers to systems design . Our team expertise is to deliver ultra fast, robust and scalable systems.A software engineer is expected to be well versed with concepts of operating systems, networking, data structures, etc.

As an FPGA engineer you will be at the heart of the latency improvement process, which makes it both challenging and gratifying. Furthermore, the team is aggressively expanding across multiple areas, providing an opportunity to demonstrate your worth on a worldwide basis.FPGA technology has enabled us to overcome the architectural limits of the sequential programming paradigm and venture into the nanosecond latency domain.

You can see the impact of the code you write on the profitability of the company almost immediately and this is an amazing experience

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
• 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.
• Company organised annual International team outing for all employees
• Team getaways
• Company organised monthly parties
• Team dinners and socials
• Uber Credits for office commute
• 10 L Insurance cover for a family of 6 including parents or parents -in- law
• Curated Breakfast, Lunch and Dinners served in office
• Tech budget
• Company sponsored ultra luxury family holiday for top performers
• Cool gadget gifts to mark work anniversaries
• In house corporate concierge to assist you with personal tasks
• 6 weeks of paid leaves

Joining By: 1 June 2022

Salary Details

CTC:	12,000,000 INR Per Annum
Gross:	12,000,000 INR Per Annum
CTC Breakup:	Base Salary : INR 50,00,000 Sign on bonus : INR 4,00,000 Min guaranteed bonus first year : INR 30,00,000 Bonus range for first year : INR 30,00,000 - 60,00,000 Non-cash benefits : INR 6,00,000 Min Compensation year 1 - 9000000 Max Compensation year 1- 12000000
Perks / Bonus:	Non Cash Benefits : 6 L • Company organized annual International team outing for all employees • Team getaways • Company organized monthly parties • Team dinners and socials • Uber Credits for office commute • 10 L Insurance cover for a family of 6 including parents or parents -in- law

- Curated Breakfast, Lunch and Dinners served in office
- Tech budget
- Company sponsored ultra luxury family holiday for top performers
- Cool gadget gifts to mark work anniversaries
- In house corporate concierge to assist you with personal tasks

Relocation Assistance
Flights and 15 days hotel accommodation as relocation assistance for outstation candidates.

Selection Process

Resume Shortlist:	Yes
Written Test:	No
Online Test:	Yes
Group Discussion:	No
Medical Test:	No
Personal Interview:	Yes
No. of Rounds:	2
No. of Offers:	8
Minimum CGPA:	7

Eligibility

Recruiting PHDs:	No
Eligible Departments:	B.Tech in Computer Science & Engineering, B.Tech in Electrical Engineering, B.Tech in Mathematics & Computing, B.Tech and M.Tech in Computer Science & Engineering, B.Tech and M.Tech in Mathematics & Computing