

# Job Notification Form, IIT Delhi

## Company Overview

**Name:** Graviton Research Capital LLP

**Website:** [www.gravitontrading.com](http://www.gravitontrading.com)

**Company Type:** MNC (Indian Origin)

**Description:** Graviton Research Capital LLP is a proprietary trading firm founded by alumnus of IIT Delhi 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 back-testing 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 work on complex technical challenges common in cutting edge technology firms

## Job Details

**Designation:** Quantitative Researcher

**Type:** Other (Quantitative Researcher )

**Place of Posting:** Gurgaon, Haryana

**Job Details:** As a Quantitative Researcher with Graviton your responsibilities will include:

- Develop new or improve existing trading models using in-house platforms
- Use advanced mathematical techniques to model and predict market movements
- Analyze 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 bent 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

- 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!

- Fully paid international vacation every year
- Top Class - Health Cover for full family
- Monthly team parties
- Cab reimbursement for office travel
- Company paid Gym
- Catered Breakfast and Lunches

**Joining By:** July 15

## Salary Details

**CTC:** 7200000 INR Per Annum

**Gross:** 4700000 INR Per Annum

**CTC Breakup:** Signing Bonus : 2,00,000/-  
Base Salary : 30,00,000/-  
Minimum Guaranteed Bonus for the first 2 years is 40,00,000/- and paid as detailed below

Minimum Guaranteed Bonus for Year 1 - 15,00,000/-

Minimum Guaranteed Bonus for year 2 - 25,00,000/-

This is a minimum guaranteed bonus as detailed above for each respective year with a potential to earn more for exceptional performance

All Bonuses are paid prorata based on the date of joining within a financial year

**Perks / Bonus:** International team outing, Monthly after work parties, Catered breakfast and lunch, Fully equipped kitchen , Gym membership, 24 days paid vacation

## Selection Process

**Resume Shortlist:** Yes

**Written Test:** Yes

**Online Test:** No

**Group Discussion:** No

**Medical Test:** No

<b>Personal Interview:</b>	Yes
<b>No. of Rounds:</b>	3-4
<b>No. of Offers:</b>	2
<b>Minimum CGPA:</b>	7

## Eligibility

**Recruiting PHDs:** No

**Eligible Departments:** B.Tech in Computer Science & Engineering, B.Tech and M.Tech in Computer Science & Engineering, B.Tech in Mathematics & Computing, B.Tech and M.Tech in Mathematics & Computing, B.Tech in Electrical Engineering, B.Tech in Textile Engineering and M.Tech in Computer Science & Engineering, B.Tech in Chemical Engineering and M.Tech in Computer Science & Engineering, B.Tech in Production & Industrial Engineering and M.Tech in Computer Science & Engineering, B.Tech in Engineering Physics and M.Tech in Computer Science & Engineering, B.Tech in Mechanical Engineering and M.Tech in Computer Science & Engineering, B.Tech in Electrical Engineering (Power and Automation)