

# Internship Notification Form, IIT Delhi

## About Organisation

<b>Name of Company:</b>	Graviton Research Capital
<b>Date of Establishment:</b>	2014-01-01
<b>Number of Employees:</b>	300+
<b>Social Media Page Link:</b>	<a href="https://in.linkedin.com/company/gravitonresearchcapital">https://in.linkedin.com/company/gravitonresearchcapital</a>
<b>Website:</b>	<a href="https://www.gravitontrading.com/">https://www.gravitontrading.com/</a>
<b>Type of Organization:</b>	Others
<b>Location of Head office:</b>	High Frequency Trading
<b>Nature of Business:</b>	Finance & Consulting

## Internship Profile

<b>Job Title:</b>	Intern - Quantitative Researcher
<b>Job Description:</b>	Intern - Quantitative Researcher

### Description:

Graviton is a privately funded quantitative trading firm striving for excellence in financial markets' research. We are seeking a Quantitative Researcher for our team in Gurgaon. This team trades across a multitude of asset classes and trading venues using a gamut of concepts and techniques ranging from time series analysis, filtering, classification, stochastic models, pattern recognition to statistical inference analysing terabytes of data to come up with ideas to identify pricing anomalies in financial markets.

As a Quantitative researcher 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
- 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 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.

- 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 of paid vacation
- Monthly after work parties
- Catered breakfast and lunch
- Fully stocked kitchen
- International team outing

**Minimum No. of Hires:** 2

**Expected No. of Hires:** 5

**Location(s)/Place of Posting/Online:** Gurugram/ Singapore

**Skillset:**

- 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.
- Have a strong work ethic
- Hard Working

**Minimum CGPA:** 7.5

**Students with backlog eligible:** No

## Selection Process

**Resume Shortlist:** No

**Mode of Selection:** Hybrid

**Resume shortlisting before test?:** No

**Test:** Yes

**Mode of Test:** Online

**Test duration (minutes):** 90

**Aptitude/Psycometric:** No

**Technical:** No

**Group Discussion:** No

<b>Personal Interview:</b>	Yes
<b>Technical Round:</b>	Yes
<b>HR Round:</b>	Yes
<b>Medical Test:</b>	No

## Eligible Academic Programs

<b>Diversity Recruiting:</b>	No
<b>Eligible Years:</b>	Graduating in 2027 (Third Year Students) - Dual Degree, Graduating in 2026 (Pre-Final Year Students) - B.Tech / Dual / Master's
<b>Eligible Departments:</b>	B.Tech in Computer Science & Engineering, B.Tech in Electrical Engineering, B.Tech in Electrical Engineering (Power and Automation), B.Tech in Mathematics & Computing, B.Tech and M.Tech in Computer Science & Engineering, B.Tech and M.Tech in Mathematics & Computing

## Stipend Details

<b>Stipend (per month) (In INR Per Month):</b>	500,000 INR Per Month
<b>Accommodation:</b>	60days / Return flight tickets
<b>Any other perks/ benefits/ components:</b>	<p>For Gurugram, monthly stipend is INR 5,00,000  For Singapore role, monthly Stipend is SGD 7,500  Total Internship CTC: INR 16,00,000  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.</p> <ul style="list-style-type: none"> <li>• Competitive compensation</li> <li>• 30 days of paid vacation</li> <li>• Monthly after work parties</li> <li>• Catered breakfast and lunch</li> <li>• Fully stocked kitchen</li> <li>• International team outing</li> </ul>
<b>Provision of PPO based on performance?</b>	Yes
<b>Tentative CTC for PPO select:</b>	9,000,000 INR Per Annum