

# Internship Notification Form, IIT Delhi

## About Organisation

<b>Name of Company:</b>	Tower Research Capital
<b>Date of Establishment:</b>	1998-01-01
<b>Number of Employees:</b>	1100
<b>Social Media Page Link:</b>	<a href="https://www.linkedin.com/company/tower-research-capital/">https://www.linkedin.com/company/tower-research-capital/</a>
<b>Website:</b>	<a href="https://www.tower-research.com/">https://www.tower-research.com/</a>
<b>Type of Organization:</b>	Private
<b>Nature of Business:</b>	Finance & Consulting

## Internship Profile

**Job Title:** Algorithmic Trading & Quantitative Research Intern, Limestone

**Job Description:** Location: New York, NY  
Duration: Summer (8-10 weeks)

Tower Research Capital, a high-frequency proprietary trading firm founded in 1998, is a leader in the thriving field of high-frequency trading.

Working at Tower means collaborating with bright minds from around the world to create cutting-edge technology and tackle challenging technical problems. We're engineers and pioneers who use scientific principles to identify market opportunities and who think Mondays look better in jeans and a t-shirt than in a suit and tie.

Responsibilities:

Our community of quant researchers and developers have designed and continue to enhance one of the fastest trading platforms in the world using the latest tools and technologies.

As an Algorithmic Trading & Quantitative Research Intern at Limestone, you'll draw upon your machine learning and statistical knowledge to analyze vast amounts of data, identify patterns, and extract insights into the complexities of financial markets. At Limestone, you'll get the opportunity to apply innovative research to global financial markets; your responsibilities would include:

- Designing & implementing features to predict market by statistically analyzing market data
- Applying state of the art algorithms to model market predictions

- Designing & implementing trading strategy for effective monetization
- Contributing to libraries of analytical computations to support quant-research analysis

**Qualifications:**

You are talented, driven, and hungry for a challenge. You believe that there's no limit to what we can accomplish together in a creative and collaborative setting, pairing passion with brilliance. If you refuse to settle for a career that offers anything less, we want to meet you!

**Requirements include:**

- Experience with programming in Python (and Pandas, Pytorch/TensorFlow, etc.) through coursework, research projects or open source activities
- Brilliant problem-solving abilities
- Ability to quickly learn and apply new research ideas
- Strong communication skills
- A working knowledge of Linux
- Working knowledge of forecasting and data mining techniques, such as linear and non-linear regression analysis, neural networks
- Financial experience is not required but an interest in financial markets is a plus.

**Benefits:**

Tower's headquarters and garden roof decks are located in TriBeCa and SoHo, neighborhoods in downtown Manhattan.

Tower continues to enhance the in-house trading system and strategies that have positioned the firm as a leader in the thriving field of quantitative trading. While Tower offers challenges and rewards rivaling those of any Wall Street firm, Tower's cubicle-free workplace, jeans-clad workforce, and well-stocked kitchens reflect the premium the firm places on the quality of life. Benefits include:

- Free breakfast and lunch on work days
- Accommodation for complete internship duration
- Return airfare and visa assistance for New York (visa conditions permitting for travel or to London/Singapore, if that's a preference)
- Exciting networking and social events (past events include Broadway shows, Escape Rooms, Bowling events)
- Access to learning and development programs
- Engagement with seniors to learn beyond project requirements
- Mentors from your alma mater and other top global institution

Tower Research Capital is an equal opportunity employer.

<b>Minimum No. of Hires:</b>	1
<b>Expected No. of Hires:</b>	2
<b>Location(s)/Place of Posting/Online:</b>	New York City, New York

<b>Skillset:</b>	- Experience with programming in Python (and Pandas, Pytorch/TensorFlow, etc.) through coursework, research projects or open source activities - Brilliant problem-solving abilities - Ability to quickly learn and apply new research ideas - Strong communication skills - A working knowledge of Linux - Working knowledge of forecasting and data mining techniques, such as linear and non-linear regression analysis, neural networks - Financial experience is not required but an interest in financial markets is a plus.
<b>Minimum CGPA:</b>	8.0
<b>Students with backlog eligible:</b>	No

## Selection Process

<b>Resume Shortlist:</b>	No
<b>Mode of Selection:</b>	Virtual
<b>Resume shortlisting before test?:</b>	Yes
<b>Test:</b>	Yes
<b>Mode of Test:</b>	Online
<b>Test duration (minutes):</b>	90
<b>Aptitude/Psycometric:</b>	No
<b>Technical:</b>	Yes
<b>Group Discussion:</b>	No
<b>Personal Interview:</b>	No
<b>Technical Round:</b>	Yes
<b>HR Round:</b>	No
<b>Medical Test:</b>	No

## Eligible Academic Programs

<b>Diversity Recruiting:</b>	No
<b>Eligible Years:</b>	Graduating in 2026 (Pre-Final Year Students) - B.Tech / Dual / Master's , Graduating in 2027 (Second Year Students) - B.Tech / Dual, Graduating in 2027 (Third Year Students) - Dual Degree
<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, M.Sc in Mathematics

## Stipend Details

**Stipend (per month) (In USD Per Month):** 22,000 USD Per Month

**Accommodation:** Corporate housing provided for the duration of the internship. Flights provided to and from internship.

**Any other perks/ benefits/ components:** Visa assistance, free breakfast/lunch on work days, networking events, social events, learning & development programs, engagement with seniors, mentors from alma mater. Anticipated total cost: ~\$82K USD.

**Provision of PPO based on performance?** Yes

**Tentative CTC for PPO select:** 425,000 USD Per Annum

## Others

**Medical Requirements:** none

**Other Requirements:** none