

# Training Notification Form, IIT Delhi

## Company Overview

<b>Name:</b>	JP Morgan & Chase
<b>Website:</b>	<a href="http://www.jpmorgan.com/careers">www.jpmorgan.com/careers</a>
<b>Company Type:</b>	Finance
<b>Description:</b>	<p>JPMorgan Chase is one of the world's oldest, largest and best-known financial institutions. With a history that traces our roots to 1799 in New York City, we carry forth the innovative spirit of our heritage firms in our global operations in over 60 countries.</p> <p>Across JPMorgan Chase, we serve millions of customers and many of the world's most prominent corporate, institutional, and government clients-managing assets and investments, offering business advice and strategies, and providing innovative banking solutions and services.</p>

## Project Details

<b>Designation:</b>	Quantitative Researcher
<b>Type:</b>	Finance
<b>Location:</b>	Mumbai/Bangalore
<b>Project Details:</b>	Position Name – Quantitative Researcher Mumbai/Bengaluru

### Job Description

Quantitative Research (QR) is an expert quantitative modeling group in J.P. Morgan, as well as a leader in financial engineering, data analytics, statistical modeling, and portfolio management. As a global team, QR partners with traders, marketers and risk managers across all products and regions, contributes to sales and client interaction, product innovation, valuation and risk management, inventory and portfolio optimization, electronic trading and market making, and appropriate financial risk controls.

The QR team in Mumbai was established in 2015 and has grown since to provide quantitative finance support to various businesses including Equities, Fixed Income, Spread, Commodities, Counterparty Credit Risk, Market Risk and Wholesale Credit Risk. We provide on the job training, intensive internal classroom training, and online courses, all given by our experienced quants. Through the diversity of the businesses it supports and the variety of functions that it is responsible for, Quantitative Research group provides unique growth opportunities for you to improve your abilities and progress your career.

As a Quantitative Researcher, you could have one or more of the following responsibilities:

- Develop and maintain sophisticated mathematical models to value and hedge financial transactions ranging from vanilla flow products to complex derivative deals
- Improve the performance of algorithmic trading strategies and promote advanced electronic solutions to our clients worldwide

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- Collaborate with risk functions to develop models for market and credit risk the bank is exposed to, across various lines of business
- Build cutting-edge methodologies and infrastructure to implement our models in production

#### Minimum Skills, Experience and Qualifications

We are looking for someone excited to join our organization. If you meet the minimum requirements below, you are encouraged to apply to be considered for this role.

- You have/are pursuing a degree in engineering, financial engineering, computer science, mathematics, sciences, statistics, econometrics, or other quantitative fields
- You have strong quantitative, analytical and problem-solving skills
- You have a strong background in the following topics – calculus, linear algebra, probability, and statistics
- You demonstrate proficiency in at least one of the object-oriented programming languages, like C++ or Java, and are good at one of Python or R
- You have knowledge of data structures and algorithms
- You can work independently as well as in a team environment
- You think strategically and creatively when faced with problems and opportunities
- Your excellent communication skills, both verbal and written, can engage and influence partners and stakeholders

#### Additional Skills, Experience and Qualifications

The following additional items will be considered but are not required for this role

- Markets experience and general trading concepts and terminology is useful to be familiar with
- Knowledge of different types of financial products and asset classes like Fixed Income, Credit, Commodities, Equities
- Background in computer algorithms, python, and specialization (or significant coursework) in low level systems (operating systems, compilers, GPUs, etc.)
- Knowledge of options pricing theory, trading algorithms, financial regulations, stochastic calculus, machine learning, or high-performance computing would be a plus

To work on tasks that replicate the kind of work that the QR team does every day and gain an understanding of the skills required to be successful in the role, we suggest signing up for this free QR Virtual Internship Program:

[https://www.theforage.com/virtual-](https://www.theforage.com/virtual-internships/prototype/bWqaecPDbYAwSDqJy/Quantitative-Research)

[internships/prototype/bWqaecPDbYAwSDqJy/Quantitative-Research](https://www.theforage.com/virtual-internships/prototype/bWqaecPDbYAwSDqJy/Quantitative-Research)

Beyond that, we're interested in the things that make you unique: personal qualities, outside interests and achievements beyond academia and profession that demonstrate the kind of person you are and the differences you could bring to the team.

## Stipend Details

<b>Stipend:</b>	150,000 INR Per Month
<b>Accommodation:</b>	Yes
<b>Travel Expenses:</b>	Yes
<b>Perks / Bonus:</b>	One time - Relocation Assistance - INR 50,000 No additional accommodation and travel ticket will be booked or reimbursement will be done

# Selection Process

<b>Resume Shortlist:</b>	Yes
<b>Written Test:</b>	No
<b>Online Test:</b>	Yes
<b>Group Discussion:</b>	No
<b>Personal Interview:</b>	Yes
<b>No. of Offers:</b>	3

## Eligibility

<b>Diversity Recruiting:</b>	Yes
<b>Eligible Years:</b>	Graduating in 2025 (Pre-Final Year Students) - B.Tech / Dual / Master's
<b>Eligible Departments:</b>	B.Tech in Biochemical Engineering & Biotechnology, B.Tech in Chemical Engineering, B.Tech in Civil Engineering, B.Tech in Computer Science & Engineering, B.Tech in Electrical Engineering, B.Tech in Electrical Engineering (Power and Automation), B.Tech in Energy Engineering, B.Tech in Engineering Physics, B.Tech in Engineering and Computational Mechanics, B.Tech in Materials Engineering, B.Tech in Mathematics & Computing, B.Tech in Mechanical Engineering, B.Tech in Production & Industrial Engineering, B.Tech in Textile Engineering, B.Tech and M.Tech in Chemical Engineering, B.Tech and M.Tech in Computer Science & Engineering, B.Tech and M.Tech in Mathematics & Computing