Internship Notification Form, IIT Delhi

About Organisation

Name of Company:	JP Morgan Chase
Date of Establishment:	2000-12-30
Number of Employees:	200000
Social Media Page Link:	www.jpmorganchase.com
Website:	www.jpmorganchase.com
Type of Organization:	MNC (Foreign Origin)
Location of Head office:	New York
Nature of Business:	Finance & Consulting

Internship Profile

Job Title: Quantitative Research [PPTO]

Job Description:

Quantitative Researcher
Mumbai/Bengaluru

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
• 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

Beyond that, we are 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.

Note:
In partnership with Forage, the JP Morgan Quantitative Research (QR) team has launched the very first Quantitative Research Virtual Internship Program. This program allows participants to experience working on real financial modelling problems and build skills in data analysis, programming, and financial mathematics. The program is free and self-paced and will help you gain an understanding of quantitative finance.
Please check it out and share it with your network!

Minimum No. of Hires: -

Expected No. of Hires: -

Location(s)/Place of Posting/Online: Mumbai/Bangalore

Skillset: 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

Minimum CGPA: 7.5 and above

Students with backlog eligible: No

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Selection Process

Resume Shortlist:	Yes
Mode of Selection:	Virtual
Resume shortlisting before test?:	Yes
Test:	Yes
Mode of Test:	Online
Test duration (minutes):	90
Aptitude/Psycometric:	No
Technical:	Yes
Group Discussion:	No
Other modes:	Post online test, candidates will be further be shortlisted for interviews basis test score
Personal Interview:	Yes
Technical Round:	Yes
HR Round:	Yes
Medical Test:	No

Eligible Academic Programs

Diversity Recruiting:	No
Eligible Years:	Graduating in 2026 (Pre-Final Year Students) - B.Tech / Dual / Master's
Eligible Departments:	B.Tech and M.Tech in Mathematics & Computing

Stipend Details

Stipend (per month) (In INR Per Month):	175,000 INR Per Month
Accommodation:	50000