Proforma

Companies open to your department

Company :	Plutus Research Private Limited
Company Name :	Plutus Research Private Limited
Nature Of Business :	Algorithmic trading firm
Designation :	Quantitative Researcher
Tentative Job Location :	Bangalore

Quantitative Researcher

- The role will involve significant amounts of research accompanied by rigorous testing of models, while also keeping an eye on the firm's current strategies and their performance.

- Candidates are expected to have a research-like mindset and collaborative attitude to be able to try multiple ideas without getting dejected if they fail.

Responsibilities :

- Research and development of trading strategies via analysis of market data

- Research of potential alpha signals

- Research and development of various Machine Learning models to generate alpha

Description :
- Research on new technologies for improved data management and efficient retrieval

Qualifications :

- Excellent knowledge of C++ and python

- Strong in mathematics and should be interested in applied mathematical fields like Machine Learning, Statistical Methods, Filtering, and Signal Processing

- Excellent analytical skills and very good attention to detail

- Good understanding of Object Oriented Programming concepts and C++

- Basic knowledge of financial derivatives is a plus

- Knowledge of shell scripting is a plus

Eligibilty :

Department	BT	BS	MT	DoubleMajor	dual	dualB	dualC	Mdes	MBA	Phd	MSc	MSR
AE	N	-	N	N	N	N	N	-	-	N	-	N
BSBE	N	-	N	N	N	N	N	-	-	N	-	N
CE	N	-	N	N	N	N	N	-	-	N	-	N
CHE	N	-	N	N	N	N	N	-	-	N	-	N
CSE	Y	-	N	Y	Y	Y	Y	-	-	N	-	N
EE	Y	-	N	Y	Y	Y	Y	-	-	N	-	N
ES	-	N	N	-	N	-	N	-	-	N	-	-
ME	N	-	N	N	N	N	N	-	-	N	-	N
MSE	N	-	N	N	N	N	N	-	-	N	-	N
PHY	-	N	-	N	N	N	N	-	-	N	N	-
CHM	-	N	-	N	N	N	N	-	-	N	N	-
MTH	-	Y	-	Y	Y	Y	Y	-	-	N	N	-
ECO	-	N	-	N	N	N	N	-	-	N	-	-
DES	-	-	-	-	-	-	N	N	-	N	-	-
IME	-	-	N	-	-	N	N	-	N	N	-	-
CGS	-	-	-	-	-	-	-	-	-	N	-	N
HSS	-	-	-	-	-	-	-	-	-	N	-	-
EEM	-	-	N	-	-	N	-	-	-	N	-	-
MSP	-	-	N	-	-	-	-	-	-	N	-	-
NET	-	-	N	-	-	N	-	-	-	N	-	-
PSE	-	-	N	-	-	N	-	-	-	N	-	N
Stats	-	-	-	-	-	-	-	-	-	N	N	-

Cost to Company :

CTC - 44,00,000

Gross - 3200000

Package Details :

Basic Salary	₹1,140,000
House Rent Allowance	₹570,000
Flexible Allowance	₹490,008
Joining Bonus	₹200,000
Min Performance Bonus	₹400,000
Non Cash Benefits	₹400,000
Gross Salary	₹3,200,008
Variable Components	
Max Performance Bonus	₹1,600,000
CTC	₹4,400,008

Non Cash Benefits:
International Offsite
Health Insurance for self
Health Insurance for two dependants
Gym Membership
Tax benefit on Cab expenses
Daily Snacks
Sponsored weekend outings
Month End Party
Re-imbursement of Coursera or any other online course related to work

Bond :	False
Medical Requirements :	
Resume Shortlist :	True
Resume Shortlist Criteria:	N/A
Aptitude Test:	False
Group Discussion:	False
Technical Test:	True
Technical Test Duration:	1:30 hrs
Technical Interview:	True
Technical Interview Duration:	1 hr
Number of Techincal Interview Rounds:	3
HR Interview:	True
HR Interview Duration:	1 hr