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 :

Program	AE	BSBE	CE	CHE	CSE	EE	ES	ME	MSE	PHY	CHM	MTH	ECO	DES	IME	CGS	HSS	EEM	MSP	NET	PSE	Stats
BT	No	No	No	No	Yes	Yes	--	No	No	--	--	--	--	--	--	--	--	--	--	--	--	--
BS	--	--	--	--	--	--	No	--	--	No	No	Yes	No	--	--	--	--	--	--	--	--	--
MT	No	No	No	No	No	No	No	No	No	--	--	--	--	--	No	--	--	No	No	No	No	--
DoubleMajor	No	No	No	No	Yes	Yes	--	No	No	No	No	Yes	No	--	--	--	--	--	--	--	--	--
dual	No	No	No	No	Yes	Yes	No	No	No	No	No	Yes	No	--	--	--	--	--	--	--	--	--
dualB	No	No	No	No	Yes	Yes	--	No	No	No	No	Yes	No	--	No	--	--	No	--	No	No	--
dualC	No	No	No	No	Yes	Yes	No	No	No	No	No	Yes	No	No	No	--	--	--	--	--	--	--
Mdes	--	--	--	--	--	--	--	--	--	--	--	--	No	--	--	--	--	--	--	--	--	--
MBA	--	--	--	--	--	--	--	--	--	--	--	--	No	--	--	--	--	--	--	--	--	--
Phd	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
MSc	--	--	--	--	--	--	--	--	--	No	No	No	--	--	--	--	--	--	--	--	--	No
MSR	No	No	No	No	No	No	--	No	No	--	--	--	--	--	No	--	--	--	--	--	No	--

CTC - 44,00,000

Cost to Company :	**Gross - 3200000**

Package Details :		
	Basic Salary	â,¹1,140,000
	House Rent Allowance	â,¹570,000
	Flexible Allowance	â,¹490,008
	Joining Bonus	â,¹200,000
	Min Performance Bonus	â,¹400,000
	Non Cash Benefits	â,¹400,000
	Gross Salary	â,¹3,200,008
	Variable Components	
	Max Performance Bonus	â,¹1,600,000
	CTC	â,¹4,400,008

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**
CPI CutOff :	**0.0**
Medical Requirments :	
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**
Additional Information:	**Min CGPA : 7.0**