Company :		Dynamic Technology Lab Pte Ltd
Company Name :		Dynamic Technology Lab Pte Ltd
Nature Of Business :		Hedge Fund
Designation :		Front Desk Quantitative Developer
Tentative Job Location :	Singapore	

Description :

Job description:

The front desk quant developers maintain our trading/research capabilities in global markets and innovate how we do them.

Typical responsibilities include:

- **Optimizing the performance of various components of the trading system**
- **Maintaining, enhancing backtest simulator**
- **Exploring big-data infrastructure for research**
- **Execution algorithms research**
- **Working with researchers on high-frequency strategies**

Qualification:

- **Expert programming skills in some well-known language, along with knowledge on computer system, e.g. networking, threading, etc.**
- **Ability to write sizable applications and manage complexity**
- **Effective communicator and decision maker**
- **Linux experience**

The following skills are bonus:

- **Familiar with Linux kernel**
- **Experience with hardware development, e.g. NIC, GPU, and FPGA etc.**
- **System administration experience**

Eligibilty :

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

Cost to Company :	**Cost To Company: 57500** **Salary Breakup: 50,000 USD Basic Salary, 7500 Housing Benefit**
Package Details :	**50,000 USD Basic Salary, 7500 Housing Benefit, excluding bonuses**
Bond :	**False**
CPI CutOff :	**10.1**
Medical Requirments :	
Resume Shortlist :	**True**
Resume Shortlist Criteria:	**As stated in job description provided**
Aptitude Test:	**False**
Group Discussion:	**False**

Technical Test:	**True**
Technical Test Duration:	**2 hours**
Technical Interview:	**True**
Technical Interview Duration:	**1 hour (Phone Interview)**
Number of Techincal Interview Rounds:	**4**
HR Interview:	**False**
Additional Information:	**Will require test venue with computers for technical test. Shortlisted candidates from the technical test round will be invited to complete a mini project. Candidates will be given 5 days to work on the project.**