Proforma

Companies open to your department

Company :	Taiwan Semiconductor Manufacturing Company
Company Name :	Taiwan Semiconductor Manufacturing Company
Nature Of Business :	Semiconductor
Designation :	Machine Learning Engineer
Tentative Job Location :	Hsinchu City, Taiwan

Description :

Responsibilities

1. Apply data science and machine learning techniques on large data sets of structured, semi-structured unstructured data to discover data insights.
2. Collaborate with business teams (e.g. Operations, R&D, and Supporting) with a healthy sense of exploration and driving business insights.
3. Evaluate and develop new data analysis solutions based on predictive, behavioral or other models via statistical analysts and use of relevant modeling techniques

Requirements

1. Strong knowledge of statistical methods, and particularly in the areas of modeling and big data analytics.
2. Familiar with machine learning fundamentals, and have experience in R, Python, MatLab or equivalent analytics coding tools
3. Master degree with a major in statistic, computer science or related fields.
4. Ability to communicate complex quantitative analysis in a clear, precise, and actionable manner.
5. Prior experience in data mining, big data analytics experiences will be an added advantage.
6. Understand and can process data in Chinese. Can communicate in Chinese preferred.

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	N	-	Y	N	Y	Y	Y	-	-	N	-	Y
EE	N	-	Y	N	Y	Y	Y	-	-	N	-	Y
ES	-	N	N	-	N	-	N	-	-	N	-	-
ME	N	-	N	N	N	N	N	-	-	N	-	N
MSE	N	-	Y	N	Y	Y	Y	-	-	N	-	Y
PHY	-	N	-	N	N	N	N	-	-	N	N	-
CHM	-	N	-	N	N	N	N	-	-	N	N	-
MTH	-	N	-	N	Y	Y	Y	-	-	N	Y	-
ECO	-	N	-	N	N	N	N	-	-	N	-	-
DES	-	-	-	-	-	-	N	N	-	N	-	-
IME	-	-	Y	-	-	Y	Y	-	N	N	-	-
CGS	-	-	-	-	-	-	-	-	-	N	-	N
HSS	-	-	-	-	-	-	-	-	-	N	-	-
EEM	-	-	N	-	-	N	-	-	-	N	-	-
MSP	-	-	Y	-	-	-	-	-	-	N	-	-
NET	-	-	N	-	-	N	-	-	-	N	-	-
PSE	-	-	Y	-	-	Y	-	-	-	N	-	Y
Stats	-	-	-	-	-	-	-	-	-	N	Y	-

Cost to Company :

Item (Annual)	Master Degree
GROSS	$Â Â Â Â Â Â Â Â Â Â Â Â Â 48,533
CTC	$Â Â Â Â Â Â Â Â Â Â Â Â Â 51,566

Currency: USD

Package Details :

1. Including 12 months base pay, 2 months Year-end bonus, 18 months Profit Sharing, 2 months relocation bonus, months of sign on bonus (depends on whether the offer has bond).
2. Base Salary, Year-end bonus are fixed and recurring ; Profit Sharing is minimum amount for an average performance (i.e. top 50%) and recurring. ; Relocation and sign on bonus are one shot paid after onboard.
3. Please note that the "Bond duration" is just for reference. The actual duration will depend on the offer that you get, it would be determined by your hiring manager.

Bond :	True
Bond Details :	May have bond but it depends on further hiring assessment. (will be determined by the hiring manager)
Medical Requirements :	
Resume Shortlist :	True
Resume Shortlist Criteria:	None
Aptitude Test:	False
Group Discussion:	False
Technical Test:	False
Technical Interview:	True
Technical Interview Duration:	60 min
Number of Techincal Interview Rounds:	1
HR Interview:	True
HR Interview Duration:	60 min