

Company :
Company Name :
Nature Of Business :
Designation :
Tentative Job Location :

Taiwan Semiconductor Manufacturing Company
Taiwan Semiconductor Manufacturing Company
Semiconductor
Machine Learning Engineer
Hsinchu City, Taiwan

- 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

- Description :
- 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.

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	No	No	--	No	No	--	--	--	--	--	--	--	--	--	--	--	--	--
BS	--	--	--	--	--	No	--	--	No	No	No	No	--	--	--	--	--	--	--	--	--	--
MT	No	No	No	No	Yes	Yes	No	No	Yes	--	--	--	--	--	Yes	--	--	No	Yes	No	Yes	--
DoubleMajor	No	No	No	No	No	No	--	No	No	No	No	No	--	--	--	--	--	--	--	--	--	--
dual	No	No	No	No	Yes	Yes	No	No	Yes	No	No	Yes	No	--	--	--	--	--	--	--	--	--
dualB	No	No	No	No	Yes	Yes	--	No	Yes	No	No	Yes	No	--	Yes	--	--	No	--	No	Yes	--
dualC	No	No	No	No	Yes	Yes	No	No	Yes	No	No	Yes	No	No	Yes	--	--	--	--	--	--	--
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	Yes	--	--	--	--	--	--	--	--	--	Yes
MSR	No	No	No	No	Yes	Yes	--	No	Yes	--	--	--	--	--	--	No	--	--	--	--	Yes	--

Eligibilty :

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

- Cost to Company :
- Currency: USD
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 :
CPI CutOff :
Bond Details :
Medical Requirments :
Resume Shortlist :
Resume Shortlist Criteria:
Aptitude Test:
Group Discussion:
Technical Test:
Technical Interview:
Technical Interview Duration:
- True
0.0
May have bond but it depends on further hiring assessment. (will be determined by the hiring manager)
None
False
False
False
True
60 min

**Number of  
Techincal  
Interview  
Rounds:  
HR  
Interview:  
HR  
Interview  
Duration:  
Additional  
Information:**

**1  
  
True  
  
60 min**