Company :	**Intelimek Systems Pvt. Ltd**
Company Name :	**Intelimek Systems Pvt. Ltd**
Nature Of Business :	**Software Development**
Designation :	**Intern/Consultant**
Tentative Job Location :	Pune

Description :

This internship is in the area of data science and machine learning area. The internship will involve:

1. **The problem will be defined in the area of systems simulation and data science from chemical/ thermal/ fluid engineering domain**
2. **The intern will review some of the latest published research in the area to understand the modeling strategies**
3. **The intern will work with some of the opensource or commercial tools**
4. **Coding of the algorithms using machine learning libraries like TensorFlow or scikit-learn will also be required to implement the algorithms**
5. **The work will also include validation of the approach with alternate system modeling techniques**

The Intern's Profile:

1. **Student from Chemical, Mechanical or Aerospace engineering**
2. **Solid foundation of fundamentals of fluid mechanics, heat transfer and thermal engineering**
3. **A prior coursework in the computational techniques like CFD or FEM is highly desired**
4. **Must have keen interest in data analytics. Proficiency with python and related machine learning libraries like scikit-learn or TensorFlow is a plus**
5. **Readiness to dive deeper into fundamental mathematics and statistics required to develop machine learning models**

Eligibilty :

Program	AE	BSBE	CE	CHE	CSE	EE	ES	ME	MSE	PHY	CHM	MTH	ECO	DES	IME	HSS
BT-BS	Yes	No	No	Yes	No	No	No	Yes	No	No	No	No	No	--	--	--
MT	No	No	No	No	No	No	No	No	No	--	--	--	--	--	No	--
DoubleMajor	Yes	No	No	Yes	No	No	No	Yes	No	No	No	No	No	--	--	--
dual	Yes	No	No	Yes	No	No	No	Yes	No	No	No	No	No	--	--	--
dualB	No	No	No	No	--	--	--	No	No	No	No	No	No	--	No	--
dualC	--	--	--	--	--	--	--	--	--	--	--	--	--	--	No	--
Mdes	--	--	--	--	--	--	--	--	--	--	--	--	No	--	--	--
MBA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	No	--
Phd	No	No	No	No	No	No	No	No	No	No	No	No	No	--	--	No
Msc	--	--	--	--	--	--	--	--	--	No	No	No	No	--	--	--
MSR	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Stipend per month :	**Rs.15000/-. This can be varied based on the students knowledge, readiness to work etc**
Other Facilities Offered :	**Good Office space, interesting projects and chance to work with experienced industry professionals.**
Bond :	**False**
CPI CutOff :	**0.0**
Medical Requirments :	**NA**
Resume Shortlist :	**True**
Resume Shortlist Criteria:	**good academics, strong knowledge of fundamentals of fluid mechanics, heat transfer and thermal engineering, keen interest in data analytics**
Aptitude Test:	**False**
Group Discussion:	**False**
Technical Test:	**False**
Technical Interview:	**True**
Technical Interview Duration:	**about an hour**
Number of Techincal Interview Rounds:	**1**
HR Interview:	**True**
HR Interview Duration:	**30 minutes**
Additional	**Proficiency with python and related machine learning libraries like scikit-learn or**

Information: **TensorFlow is a plus**

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