



**ESIME Ticomán
BOLSA DE TRABAJO 2012
REQUISITOS DEL PUESTO**

BT-108

FECHA DE RECEPCIÓN

13 nov 2012

FECHA DE PUBLICACIÓN

21 nov 2012

NOMBRE DE LA EMPRESA	MSC Software
DIRECCIÓN	
RESPONSABLE:	Juan López de Alda
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PUESTO SOLICITADO:	ENGINEER

NOTA A EGRESADOS

An important Aerospace company is currently seeking for Stress Engineers to work in our Global Engineering group P&PD (Product & Process Development) group, ideally experienced in traditional fundamentals and modern, computer-based analysis tools, with an eagerness to learn new technologies. Joining our diverse and highly accomplished engineering team, you'll work alongside some of the most exceptional professionals in the industry as you engage in complex, cutting-edge projects throughout their life cycle.

- Formulates structural analysis of a complex nature using computer analysis.
- Conducts stress, fracture and fatigue structural analysis of aerospace components.
- Defines, directs and documents structural test efforts to assess the structural integrity of metallic and non-metallic aerospace products.
- Provides limited direction to others in stress analysis and may act as technical lead on assigned projects.
- Provides technical solutions to a wide range of difficult problems.
- Develops and validates standard work to solve problems

Basic qualifications:

- Must have a Bachelor's degree in Engineering with 5+ years' experience performing stress analysis or Master's degree with 3 years' experience.
- Experience in classical hand analysis methods used in aerospace applications, along with Finite Element Analysis Tools such as NASTRAN & PATRAN or similar software applications are required.
- Experience in aircraft structural components static, durability, damage tolerance, EBU, Actuation system and Nacelle analysis preferred.
- Experience in a product development teams with engine / airframe companies highly desired.
- Strong background in structural analysis related to aircraft.

- Strong understanding of load paths and various aspects of airframe design using metals and composites.
- Provide technical solutions to a wide range of difficult problems. Solutions are imaginative, thorough, practicable, and consistent with organization objectives.
- Develops and validates SW to solve problems. Is able to consider the impact of decisions on product metrics.
- Expresses problems, issues, and opportunities to peers, supervision and leadership.
- Material properties and behavior (Composite & Metallic) or structural testing experience is preferred.
- Strong technical writing and PC skills with proficiency in MS Office (Word, Excel, PowerPoint).
- Excellent communication and presentation skills with the ability to work closely as a team with other international locations.

INTERESADOS:

Interesados favor de enviar su CV (español e Inglés) a:
Juan.lopez-de-alda@mscsoftware.com

NOTA: La persona que haya sido elegida para ocupar el puesto, favor de hacerlo saber a la Unidad Politécnica de Integración Social con el Ing. Javier Chávez González 5729 6000 Ext. 56059 y 56069, o al Email: jachavez@ipn.mx Lo anterior con la finalidad de tener un seguimiento de las vacantes que son ocupadas por los egresados de la carrera.