



STUDENT INTERNSHIP

Position: Mechanical Design Internship
Openings: 5

PRO-Mechanic Engineering Solutions is an engineering firm that offers Mechanical Design and Product Lifecycle Management outsourcing services to aerospace and semiconductor industry companies located in the US.

Professional profile required:

- Passion for Mechanical Design
- Basic knowledge of CREO-Elements (PRO-E)
- Commitment
- Basic English

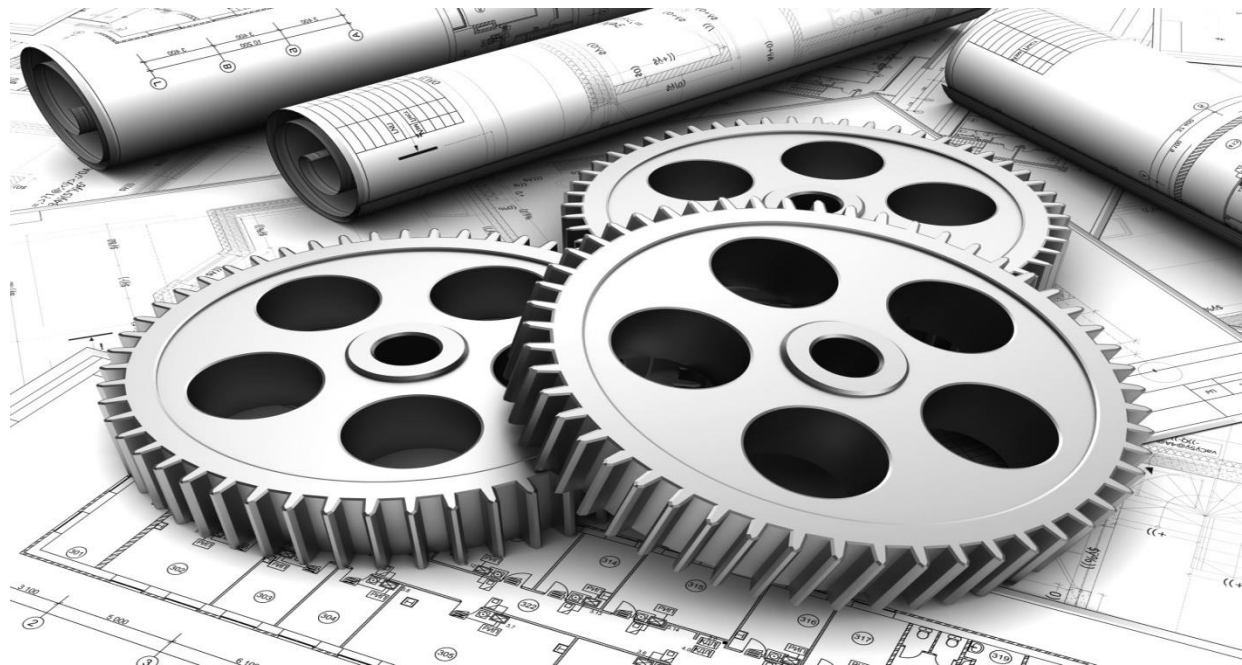
***Competitive economic compensation**

Send resume from 11/25/13 to 12/08/13 to:

Toni Castillo, General Manager
toni@pro-mechanic.com

Interviews: 12/09/2013 to 12/13/2013
Ave. Poder Legislativo 1387-4
Col. Lazaro Cardenas

For more information please visit:
www.pro-mechanic.com



CAREER DEVELOPMENT PLAN

Skillset Aspect	Internship	Engineer		
		Designer - Entry level	Designer	Senior Designer
Position description	Capable of performing assigned tasks with supervision	Capable of performing own work and mentoring all lower levels	Capable of performing own work, mentor and supervise entry level designers	Capable of supervising a team for limited project scope
Career Affinity	Mechanical or Aerospace Engineering	Mechanical or Aerospace Engineering degree	Mechanical or Aerospace Engineering	Mechanical or Aerospace Engineering
CAD (Modeling)	Basic component modeling and identify and download commercial components	Intermediate feature modeling	Advanced feature modeling for FEA and manufacturing	Expert Feature modeling
CAD (Assemblies)	Basic Level assemblies	Multiple-Level assemblies	Complex assembly generation and review with mentorship from Team Lead	Complex Assembly generation
CAD (Drafting)	Basic Drawing Generation (Single Sheet)	Multi-Sheet assembly drawing generation	Basic drawing review and complex drawing generation with submission to team lead for review	Complex drawing review and drawing generation
FEA	Basic understanding of static and materials	Able to perform intermediate structural analysis and report generation under supervision	Able to perform complex structural analysis with submission to team lead for review	Able to perform complex Thermal and structural analysis and report generation and review with customer
GD&T	Minimal exposure to usage and application (Can identify symbols)	Can identify and assign GD&T data from tables and predefined data (Can perform Stack-Up supervised)	Know basic GD&T application and interpretation (Can perform Tolerance Stack-Up)	Capable of defining full set of GD&T requirements (Perform and review Tolerance Stack Up)
Communication	Can efficiently understand written tasks, deliverable lists, copy/transcribe documents, communicate and escalate issues	Can collaborate on definition of written tasks, deliverables lists and generate project reports to team lead	Can perform project estimations and delivery reports for review with team lead	Can review project reports and interact with customer and contact team lead for guidance