

CAE ANALYST

Company: Litens Automotive Partnership

Location: Concord, ON

Status: Full Time

Job Category: Engineering

JOB DESCRIPTION

- Construct FEA models including minor cleaning of CAD models.
- Perform FE analysis on automotive engine components and assemblies.
- Make recommendations for the design improvements and modifications.
- Publish CAE reports and documentation for each analysis.
- Verify and validate FEA results with physical experimental results and field data.
- Learn and utilize new CAE/CAD techniques to improve efficiency and proficiency.
- Learn new CAE techniques for new CAE applications
- Develop/maintain CAE project library.
- Maintain quality standards.
- Other duties as assigned by supervisor.

QUALIFICATIONS

- Minimum 4-6 years of CAE experience.
- Knowledge of FEA (minimum at undergraduate level or equivalent)
- 3D CAD solid modeling experience (intermediate level)
- Strong background in engineering mechanics, engineering materials, fatigue and fracture.
- Practical knowledge of automotive engine related products
- Bachelor of Science degree in Mechanical Engineering (advanced degree preferred) or equivalent

Knowledge and Experience in the following will be a plus:

- Fatigue analysis, motion/mechanism analysis, CFD, magnetic analysis, vibration analysis, acoustic analysis
- CosmosWorks, Adams, MSC.Marc & Mentat, MSC.Dytran, HyperWorks, Fluent, Ansoft MaxWell
- Die cast aluminum, plastic materials and rubber materials
- CAE-Test collaborative research
- Engineering materials testing

About the Company

Litens Automotive Partnership is a dynamic world class manufacturer of engineered power transmission systems and components. An ISO/TS-16949 registered Tier I supplier in the automotive industry, Litens Automotive is committed to attaining excellence in every aspect of its operations.

To apply, please send your resume to employment.info@litens.com

We thank everyone for their applications; however, only qualified applicants meeting all of the above stated application criteria will be contacted.

No phone calls please.

