

Mechanical Simulation Engineer or Analyst

Descrição da função

- Clarification of technical issue and simulation objective.
- Development of a simulation plan (boundary conditions, method, tools, suitable parameters, etc.)
- Creation of mechanical simulation cases (including review sessions and traceability)
- Execution of CAE tasks including functional, durability, strength, thermal, noise and vibration, etc.
- Discuss, evaluate, and interpret the CAE results according to objective and technical issue (including recommendation)
- CAE report creation according to test plan (including recommendation)
- Contribute to the development of new products, analysis methodologies, tools, and techniques.
- Proactively discuss requirements and problems with other engineers in the group
- To work proactively, responsibly, professionally, and always in compliance with the company's reporting structure.
- Maintaining and developing personal skills and knowledge to ensure the best results.
- Any other duties as reasonably requested aligned to the job role.

Requisitos

- Degree in Mechanical Engineering or equivalent studies.
- Mechanical simulation previous experience.
- Theoretical background of Finite Element Method.
- Theoretical background on Resistance of Materials.
- Theoretical and practical aspects on fatigue of mechanisms
- Proficiency on Abaqus and Hypermesh tools.
- MS Office in general, advanced level on Excel and PowerPoint.
- English, Advanced Level.

O que oferecemos

Ready to drive with Continental? Take the first step and fill in the online application.

Quem somos

A Continental desenvolve tecnologias e serviços pioneiros para a mobilidade sustentável e conectada de pessoas e seus bens. Fundada em 1871, a empresa de tecnologia oferece soluções seguras, eficientes, inteligentes e acessíveis para veículos, máquinas, tráfego e transporte.

A Nossa Cultura é focada em construir um ambiente inclusivo e colaborativo, somos movidos pelos nossos valores: Paixão por Vencer,



Identificação da vaga
REF77287F

Área funcional
Engineering

Local
Varzea Paulista

Nível de liderança
Leading Self

Modalidade de trabalho
Hybrid Job

Pessoa jurídica
Continental Automotive do Brasil Ltda.

Uns pelos Outros, Liberdade para Agir e Confiança.

OBS: Todas as nossas comunicações são feitas através do e-mail, então verifique sua caixa de entrada.

Se você se identificou com nossos valores, venha ser Continental!