

Mechanical Simulation Engineer or Analyst

Ihre Aufgaben

- 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.

Ihr Profil

- 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.

Unser Angebot

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Über uns

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,



Job ID
REF77287F

Arbeitsbereich
Engineering

Standort
Varzea Paulista

Leadership Level
Leading Self

Job Flexibilität
Hybrid Job

Rechtliche Einheit
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!