



Calculation Engineer Stiffness / Pedestrian Protection / Crash (m/f/d)

Workplace: 10000, Rabat

Apply online!

What to expect:

We are currently looking for active support for our team in the area of simulation. The following tasks await you as part of this job:

- Independent creation and modification of simulation models using ANSA, LoCo and other tools for LS-Dyna.
- Execution and plausibility check of calculations for stiffness, strength, abuse, fatigue strength and functional developments for pedestrian protection and FMH, as well as crash and occupant protection.
- Creating presentations, documentation and presenting the results to customer committees.
- Development and implementation of optimization proposals.
- Supporting the assemblies from a simulation point of view (pedestrian protection, FMH, stiffness/strength, crash/occupant protection) from the design phase to series production.
- Working in a team with the design department and the testing department.
- You will work independently in close cooperation with our customer

What you bring along:

- Completed technical or scientific studies in the field of automotive engineering, aerospace engineering, mechanical engineering or a comparable field of study or comparable training
- Ideally experience with FEM systems (e.g. LS-Dyna, Ansa, Animator, ...)
- Ideally professional experience in vehicle development for the areas of pedestrian protection or FMVSS201u is an advantage
- Knowledge of programming languages (e.g. TCL, Python, Bash) an advantage
- Independent and structured way of working, quick comprehension, reliability, sense of responsibility and assertiveness
- High level of commitment
- Communication skills, service-oriented
- Business fluent in English

With more than 50 facilities in Europe, the Bertrandt Group has been providing development solutions for the

international automotive and aircraft industry since 1974. Every day, more than 13 000 employees guarantee extensive know - how and support our client (Manufacturer and OEM) with management, design and industrialization solutions.

Bertrandt Technologie Morocco offers you opportunities in the automotive sector (body in white, interior and exterior, layout, powertrain, and electronics). Moreover, we are also present in interdisciplinary field such as project management, quality management, supply chain/industrialization and validations.

What we offer:



Responsible Tasks



Mobile work



Freedom to work
independently



Networking
throughout the
group



Employee events



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