Our company is looking for a vehicle dynamics. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

Responsibilities for vehicle dynamics

- Support vehicle drive evaluations and lead assessment of Vehicle Dynamics attribute status
- Resolve vehicle-level Vehicle Dynamics issues in coordination with Functional Design & Release and other Vehicle Engineering activities
- Develop strong working relationships with Vehicle Dynamics Core Activities, Quality leaders, and Plant Verification Team's
- This position involves performing CAE and test-based analysis to support the delivery of vehicle dynamics Secondary Ride performance
- This position involves performing CAE and test-based analysis to support the delivery of Vehicle Dynamics Handling performance
- This position involves performing CAE and test-based analysis of shocks/struts to support the delivery of overall Vehicle Dynamics (Ride/Steering/Handling) performance
- Responsible to assure vehicle and body structures are optimized for vehicle dynamics (steering and handling) performance
- Lead and ensure that the Chassis and Vehicle Dynamics technical design fulfils the business targets and requirements
- Develop linear and nonlinear vehicle dynamics models, such as a bicycle model, to represent dynamic performance of a test vehicle
- Develop competitive benchmarking plans, including selection of program comparators and purchases

Qualifications for vehicle dynamics

- CAE experience with Matlab, Simulink, Catia, ADAMS, Dyna4 or other similar application
- Experience in vehicle suspension design and analysis
- Bachelors of Science in Engineering (such as BSME)
- 2 year's work experience in an automotive related engineering capacity
- Data analysis and programming experience using MatLab, C and/or Modelica