Our company is searching for experienced candidates for the position of vehicle dynamics. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

Responsibilities for vehicle dynamics

- Develop strong working relationships with Chassis in delivering cost effective, robust systems design
- Develop new CAE tools and refine existing CAE tools to help deliver Ride/Steering/Handling performance enhancements and further tuning/development process efficiencies
- Vehicle suspension, tire and controls developments
- This position involves performing CAE and test based analysis to support the delivery of high performance vehicle programs
- Develop new CAE tools and refine existing CAE tools to help deliver overall vehicle performance, steering and handling
- Inform vehicle tests as required
- Provide analysis of full vehicle performance to vehicle dynamic attribute and performance targets
- Create and maintain Project Safety Status Report for weekly review
- To develop and verify technical solutions through detailed design work in CAD for components and systems with packaging verification, including dynamic layouts, elaborate documentation (drawings, technical regulations, etc), requiring a holistic view of maintenance, projects and Advanced Engineering within the technical area
- To use existing engineering tools, methods and processes and to follow general Chassis & Vehicle Dynamic Engineering process according to the "Development Product Handbook "

- Ability to coordinate across multiple programs to schedule vehicle testing
- Bilingual a plus (Spanish, German, Chinese, Mandarin)
- Meet Technical Maturity Model minimum's for Program Development Supervisor
- Strong balance of attribute development and program execution skills
- Highly Effective in One Ford behaviors
- 3+ Years experience as service technician or equivalent in experience and evidence of exceptional ability