



Example of Vehicle Dynamics Job Description

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Our growing 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 verification plans, both virtual and physical, following DVP
- To participate in strategic sourcing and systematic ratio work for cost reduction
- To play a key role in a cross-functional network regarding the technical area by communicating with Global Technology Manager, Sub-System Component Team, Purchasing, Manufacturing, Project Management , and, if needed, dialogue with suppliers regarding various technical issues, in order to anchor technical solutions from engineering
- Work with race teams & Ford Performance personnel to conduct chassis testing on the K&C rig, VIMF rig and other chassis related testing labs/rigs as necessary
- Design and release custom hardware to support the DiL driving simulator located at the Ford performance technical center in Concord, NC
- Support track tests with simulation analysis and/or custom testing hardware
- Work with external partners to guide race related research projects
- Conduct statistical analysis of race and test data as required
- Develop custom driver aids to enhance competitiveness
- Utilize optimization methods to optimize vehicle model parameters to match vehicle characteristic data

Qualifications for vehicle dynamics

- Automotive schooling
- Owns own tools

- Have the ability to work well under pressure and with a diverse range of personalities
- 3+ years of experience identifying and resolving Secondary Ride issues such as shake, plushness, and impact harshness