

Simulation Engineer for E-mobility

Schaeffler is a dynamic global technology company and its success is the result of its entrepreneurial spirit and long history of private ownership. Does this sound interesting to you? As a partner of all major automotive manufacturers as well as key players in the aerospace and industrial sectors, we offer you many opportunities for development.

Job description

- system simulation of mechatronic products: hybrid modules, electric axes, actuators
- computer modelling of the vehicle drive system and associated subsystems using Matlab/Simulink
- driving strategy simulations, load cycles
- modelling and simulation of the vehicle thermal subsystem
- implementation of damage models in the system or components for individual load cycles
- creation of scripts for processing simulation results
- preparation of technical reports

Requirements:

- Higher education II. degree in mechatronics, mechanical engineering, electrical engineering, IT, physics or other related fields
- English language at a communicative level (written and oral)
- German language preferably
- experience with programming in Matlab/Simulink
- experience in the automotive industry welcome
- basics of electromobility
- independence, systematic, structured way of working
- good communication skills and ability to work in a team

Benefits

- 13./14. salary
- language supplement
- remuneration for improvement suggestions
- contribution to Pillar III pension savings
- language training allowance
- interesting social programme
- a stable job in a foreign company
- complete training programme
- self-development in a responsible position with the possibility of professional and professional growth
- 37.5-hour working week; flexible working hours with the possibility of using a home office
- relocation allowance during the 1st year