

# Development Engineer

## Control Engineering (m/f/d)

MdynamiX is innovation partner in solving complex research and development tasks in the automotive industry. For us, the focus is on the individual with their emotional needs and their demand for a comprehensive and attractive driving experience. Our areas of expertise include vehicle dynamics & ride quality, automated driving (ADAS/AD) and acoustics & vibration technology. We offer our customers methods and solutions for the effective and efficient development of brand and model-specific characteristics. These include software and hardware tools as well as research and development services in which we use the most sophisticated simulation and test environments. With the MXacademy, we train our customers' employees to be ready for the challenges of the future. As an affiliated institute of the Munich University of Applied Sciences and partner of the Kempten University of Applied Sciences, our customers benefit from access to the latest research knowledge and modern facilities.

### Your tasks:

- Design, simulation and implementation of innovative control concepts for electric drives
- Focus on model-based control systems
- Practical implementation of the control systems
- Further development of test bench setups
- Commissioning of control systems on the test bench and in the vehicle
- Project management and customer support

### Your profile:

- Knowledge in the field of control engineering, ideally in the control of electric drives
- Knowledge in the field of electric drives
- Knowledge of MATLAB/Simulink
- Knowledge in (digital) signal processing
- Knowledge of model-based programming
- Knowledge in the field of acoustics desirable
- Independent, conscientious performance-oriented working style

Your contact person:

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