



## Test Developer (f/m/div)\*

### Job description

We are looking for your support for test development in the area of system testing and integration testing in order to develop test benches and operate them in a newly formed team environment. Specifically, an electric motor test bench is to be further developed, for which basic knowledge in the areas of mechatronics, electrical engineering and computer science is a prerequisite. Do not hesitate and apply now - we are looking forward to it!

In your new role you will:

- Analyse and review **system and domain requirements** and define the test specifications
- **Support our development team** in the area of maintenance and further development of an existing engine test bench
- Support the development of **processes for mechatronic system development** with a focus on test definition and test implementation
- Design, develop and **optimise test cases** for **engine control software** in the automotive industry as well as document and review test results with the software development team
- Collaborate in **mechatronic projects** to acquire cross-domain application knowledge

### Profile

You are enthusiastic about technology, have a systematic and analytical approach and enjoy innovative solutions? You would like to work in a dynamic and young company and build this up together with us? Then you are exactly the right person for us! You are best equipped for this task if you have:

- Completed a university degree in the field of **mechatronics, electrical engineering, computer science, engineering informatics** or in a comparable field of study
- Initial experience in the area of **system design and software development**
- Programming **skills in Python**; initial programming experience with **C++** is a plus
- Preferably already experience in working with **Git and Continuous Integration**
- The ability to **work in a team** and a passion for developing **new and creative ideas**
- Fluency in written and spoken **German and English**

### Why Us

### At a glance

Location: **Ilmenau (Germany)**  
Job ID: **362336**  
Start date: **2022-10-01**  
Entry level: **0-1 year**  
Type: **Full time**  
Contract: **Permanent**

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### Contact

Christin Hornung



**Part of your life. Part of tomorrow.**

Infineon is a world leader in semiconductor solutions that make life easier, safer, and greener. Our solutions for efficient energy management, smart mobility, and secure, seamless communications link the real and the digital world.

MOTEON develops state-of-the-art motor control systems for electric motors using model-based methods and thus helps customers in the automotive sector to achieve rapid and sustainable success. In this market, suitable HW and SW tools are a decisive factor.

*\* The term gender in the sense of the General Equal Treatment Act (GETA) or other national legislation refers to the biological assignment to a gender group. At Infineon we are proud to embrace (gender) diversity, including female, male and diverse.*

