



## MOTEON Software Engineer - System Modeling and Control (f/m/div)\*

### Job description

We are looking for support in our development team in the area of model-based and simulation-driven software development to develop the next generation motor control software for our customers in an agile team environment.

In your new role you will:

- Support our development team in the area of **model-based and simulation-driven software development** for embedded systems
- Develop **software functions for electric drives with MATLAB / Simulink**
- Execute and **evaluate of simulations** and model-based tests
- Collaborate in **interdisciplinary mechatronic application projects**
- **Programming analysis and evaluation routines** with MATLAB / Python (Scientific Computing)

### Profile

You are best equipped for this task if you have:

- Completed a university degree in the field of **mechatronics, electrical engineering, engineering informatics, technical cybernetics** or a comparable course of study
- Some experience in **software design and software development** for embedded systems and be familiar with **microcontrollers** and their functional range
- Experience in working with **MATLAB / Simulink** and automatic code generation already
- **Programming knowledge in C**, first programming experience with Python is a plus
- The ability to **work in a team** and a passion for developing new and **creative ideas**
- **Good command of** written and spoken **German and English**

### Why Us

**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,

### At a glance

Location: **Ilmenau (Germany)**  
Job ID: **359653**  
Start date: **as soon as possible**  
Entry level: **0-1 year**  
Type: **Full time**  
Contract: **Permanent**

Apply to this position online by following the URL and entering the Job ID in our job search:

Job ID: **359653**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)

### Contact

Christin Hornung



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 fast 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.*

