



MOTEON Senior Engineer Software Development (f/m/div)*

Job description

MOTEON develops state-of-the-art motor controls for electric motors using model-based methods and helps customers in the automotive sector and industrial environment to achieve rapid and sustainable success. In this market, MotorControl applications are in demand as prototypes, series products or test benches.

In your new role you will:

- Collaborate in the **implementation of embedded software** in a team
- Joint **modelling of architecture concepts** in UML for embedded software
- Create **software requirements and test specifications** based on system requirements
- Compile **development environments and test set-ups**
- **Simulate effects on MotorControl test setups** and solve mechatronic problems in a team
- **Collaborate in interdisciplinary mechatronic projects** to deepen your application knowledge

Profile

You are best equipped for this task if you have:

- Completed a university degree in the field of **engineering informatics, mechatronics, electrical engineering** or a comparable course of study
- 1 to 3 years of experience in **embedded software design** and **software development**
- **Programming knowledge in C**; some programming experience with **Python** for test automation is a plus
- Knowledge of terms like **SNR, FIR filter or dead time** from signal theory and experience with **oscilloscopes and embedded software trace tools**
- An interest in the function and potential of **microcontrollers**
- The ability to **work in a team** and a **passion** for developing new and creative ideas
- **Fluent** in written and spoken **German and English**

Why Us

At a glance

Location: **Ilmenau (Germany)**
Job ID: **360186**
Start date: **2022-09-01**
Entry level: **1-3 years**
Type: **Full time**
Contract: **Permanent**

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Contact

Christin Hornung



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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 GmbH

As a subsidiary of Infineon AG, the newly founded start-up MOTEON GmbH, based in Ilmenau, Thuringia, develops and distributes software, algorithms, tools and hardware and software systems in the field of mechatronics, including motor control.

** 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.*

