



Internship: Automotive Application Engineering (f/m /div)*

Job description

This internship gives you the chance to work on your very own project. Previous interns in our team have developed a first functional demo which drives, blinks and makes sound and incorporates many Infineon products. Its heart is our Microcontroller Traveo II Body-High. We've learned a lot with this prototype and now want to bring it into the market to train customers and students how to use Traveo II Body for many Automotive applications. You will be part of the Automotive Application Department and get a broad overview of our Automotive Embedded System Development. Your main task will be to update the demo and to develop and maintain new software examples for color sensing, motor control, power concept and audio codec. This is your possibility to work in an international team on your own interesting project! Our team in Langen is looking forward to receive your application.

In your new role you will:

- **Develop, update and maintain software examples** to demonstrate Traveo II Body-High microcontroller, including different microcontroller interfaces e.g. SPI, I2C, I2S, PWM
- Create **documentation for hardware and software components** which allows an easy start with Traveo II Body-High microcontrollers
- Contribute to the joint success with various support tasks within the **Automotive Application Engineering team**

Profile

You are best equipped for this task if you:

- Study **Electrical Engineering, Embedded Systems, Computer Science** or a similar subject
- Already gained some experiences in the area of **embedded development**
- Bring along **programming skills in C**
- Gained first experiences with **ARM based microcontrollers**
- Have an **independent and conscientious** working style
- Speak **English** fluently, with German being a plus

Please attach the following documents to your application:

At a glance

Location:

Job ID: **345947**

Start date: **Sep 01, 2022**

Entry level: **0-1 year**

Type: **Full time**

Contract: **Temporary**

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

Job ID: **345947**
www.infineon.com/jobs

Contact

Anna Happach
Student Attraction Manager



- CV in English
- Certificate of enrollment at university
- Latest grades transcript
- High school report.

Why Us

Part of your life. Part of tomorrow.

We make life easier, safer and greener – with technology that achieves more, consumes less and is accessible to everyone. Microelectronics from Infineon is the key to a better future. Efficient use of energy, environmentally-friendly mobility and security in a connected world – we solve some of the most critical challenges that our society faces while taking a conscientious approach to the use of natural resources.

– Automotive (ATV) shapes the future of mobility with microelectronics enabling clean, safe, and smart cars –

Our semiconductors are essential for supporting the automotive megatrends: electromobility, automated driving, connectivity, and advanced security. They link the real and the digital world, driving the ever-advancing pace of automotive digitalization. Infineon **ATV** is the number one semiconductor partner in the fast-changing automotive world, based on our system knowledge and our passion for innovation and quality.

** 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.*

