

Driving decarbonization and digitalization. Together.



Working Student: Automotive Embedded Systems (f/m/div)

Job description

You want to get a broad overview of Automotive Embedded System Development as well as Embedded Software Development? Then this is your chance to work with an international team in Langen on your own interesting project. The project will be related to our new Automotive Microcontroller Product Traveo II Cluster. Sounds interesting? Then apply and make life easier, safer and greener with us! We are looking forward to your application!

- **Holistic overview:** You support various tasks within the Automotive Application Engineering-Team
- **Focus on the future:** You create PCB layout for embedded hardware prototyping
- **Take responsibility:** You develop software examples and bring-up of hardware and software components
- **Expand your horizons:** You review software examples according Infineon's coding rules
- **Lifelong learning:** You will learn everything about embedded systems

Profile

- **Study field:** You are currently studying Electrical Engineering, Embedded Systems, Computer Science or similar
- **Know-How:** You already gained first experiences with ARM based microcontrollers and you know standard microcontroller interfaces (UART, SPI, I2C)
- **Skills:** You have experience in KiCad, Altium or other development tool to create PCBs
- **Way of working:** You have an independent and conscientious working style
- **Experience:** You already gained some experiences in the area of embedded development (hardware/software)
- **Programming skills:** You bring along programming skills in C
- **Language skills:** You have fluent English skills, German is a plus

Please attach the following documents to your application:

- CV in English

At a glance

Location: **Langen (Frankfurt am Main) (Germany)**
Job ID: **HRC0779865**
Start date: **Sep 01, 2024**
Entry level: **0-1 year**
Type: **Part time**
Contract: **Temporary**

Apply to this position online by following the URL and entering the Job ID in our job search. Alternatively, you can also scan the QR code with your smartphone:

Job ID: **HRC0779865**

www.infineon.com/jobs



Contact

Kerstin Meier
Recruiter



- Certificate of enrollment at university
- Latest grades transcript (not older than 6 months)
- High school report

Important information:

- **Working part-time:** The focus is on studies. Therefore, working student is possible during the lecture period with a maximum of 20 hours per week.
- **Proper students (according to the German law) are welcome:** You must be enrolled, and the examination results or modules of your studies must not have been completed yet, so that you can still work in our team for at least 6 months. You must also not be in a semester of leave.
- **You should live close to the site:** It is important for us to work with you on site and to integrate you into the team. You should therefore be able to come to the site regularly.

Why Us

Further links:

[Find out](#) what we are looking for in your CV

[Find out](#) how the student application process works with us

[Discover](#) our student website

Driving decarbonization and digitalization. Together.

Infineon designs, develops, manufactures, and markets a broad range of semiconductors and semiconductor-based solutions, focusing on key markets in the automotive, industrial, and consumer sectors. Its products range from standard components to special components for digital, analog, and mixed-signal applications to customer-specific solutions together with the appropriate software.

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

The **ATV division** is shaping the future of mobility by enabling clean, safe, and smart cars. Its product and solution offering is powering the decarbonization and digitalization of vehicles. By driving the transition to hybrid and purely electric vehicles, ATV is making a valuable contribution to cleaner roads. ATV is also increasingly digitalizing cockpit, infotainment, comfort, and lighting applications as it takes automated driving to the next stage with higher levels of connectivity, security, and safety.

The ATV portfolio integrates sensors, microcontrollers, high-performance memories for specific applications, power semiconductors based on silicon and silicon carbide, as well as components for human-machine interaction and vehicle connectivity. Infineon is the world leader in automotive semiconductors.

We are on a journey to create the best Infineon for everyone.

This means we embrace diversity and inclusion and welcome everyone for who they are. At Infineon, we offer a working environment characterized by trust, openness, respect and tolerance and are committed to give all applicants and employees equal opportunities. We base our recruiting decisions on the applicant´s experience and skills.

We look forward to receiving your resume, even if you do not entirely meet all the requirements of the job posting.

Please let your recruiter know if they need to pay special attention to something in order to enable your participation in the interview process.

[Click here](#) for more information about Diversity & Inclusion at Infineon.

