

Driving decarbonization and digitalization. Together.



Working Student: Radar Application Engineering (w/m/div)

Job description

We are one of the 15% most sustainable companies in the world. Do you love technology and working on new product with customers? Do you enjoy being innovative and support the next generation of automotive applications while helping us to make life easier, safer and greener? Then we are looking forward to your application! According to international regulations, it will soon become mandatory to equip cars with in-cabin monitoring systems (ICMS) that can detect if people are present in the car, and also determine their age and health status by vital sign estimation. At Infineon, we are building an ICMS demonstrator that uses Infineon's 60 GHz radar sensors and our AURIX microcontrollers that contain dedicated radar signal processing hardware. Join us in developing this demonstrator!

- **Passion for technology:** You learn about AURIX microcontrollers and how they can be used in customer's radar applications
- **Experience research:** You help building an in-cabin monitoring systems (ICMS) demonstrator that uses Infineon's 60 GHz radar sensors and our AURIX microcontrollers that contain dedicated radar signal processing hardware
- **Take part in development:** You implement and optimize radar signal processing flows on our microcontrollers, utilizing the controllers radar data processing features, in the C programming language
- **Data is everything:** You will also use MATLAB to visualize and analyze radar datasets

Profile

- **Study field:** You are currently studying Electrical Engineering, Microelectronics, Computer Science or similar
- **Skills:** You are skilled in C programming language
- **Experience:** You already possess previous experience with microcontroller programming (e.g. Arduino)
- **Interests:** You are interested in microcontrollers, radar, signal processing and machine learning/AI
- **Language skills:** You have excellent English skills, both written and spoken

Please attach the following documents to your application:

- CV in English
- Certificate of enrollment at university

At a glance

Location:

Job ID: **HRC0817336**

Start date: **Jul 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: **HRC0817336**
www.infineon.com/jobs



Contact

Ana Pacheco
Recruiter



- 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.

Benefits

- **Munich:**

Why Us

[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.

–You can find the headquarters of Infineon Technologies AG in Neubiberg –

In Campeon, besides working towards our goal of being one of the most sustainable companies in the world, we are improving everyone's future by making the technology of tomorrow.

At Infineon, we take work-life balance very seriously. You will be a step away from the center of Munich with its infinite possibilities. Whether you're a history buff, a foodie, or simply looking for relaxation in the city. Munich has something for everyone. Come and discover the warmth and charm of this city, where Bavarian hospitality meets modern urban living.

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.

