

# Driving decarbonization and digitalization. Together.



## Internship/ Thesis: Embedded Systems - C Software Engineering (f/m/div)

### Job description

As a global semiconductor leader in power systems and IoT, we enable game-changing solutions for green and efficient energy, clean and safe mobility, as well as smart and secure IoT. That's why you probably use our products every day: smartphone, charger, electric toothbrush, coffee machine, refrigerator, remote control and much more. You are not only curious about Software Engineering but also about the hardware interface? We are looking forward to your application!

- **Holistic Overview:** You conduct a comprehensive market analysis of embedded products
- **Shape the future:** You develop C applications on evaluation boards based on your research
- **Inform your colleagues:** You document your work and present your results

### Profile

- **Study field:** You are currently studying Electrical Engineering, Embedded Software Development or similar
- **Experience:** You are experienced in C programming, bare metal
- **Skills:** You are familiar in working with Git or even better GitLab
- **Way of working:** You are not afraid to take responsibility
- **Personality:** You have an open mindset as well as a professional working style
- **Language skills:** You have fluent English skills, both written and spoken

Please attach the following documents to your application:

- CV in English
- Certificate of enrollment at university
- Excerpt of the study regulations for the mandatory internship (if applicable)
- Latest grades transcript (not older than 6 months)
- High school report

### Why Us

### At a glance

Location:

Job ID: **HRC0743481**

Start date: **Jun 01, 2024**

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. Alternatively, you can also scan the QR code with your smartphone:

Job ID: **HRC0743481**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)

### Contact

**Lina-Marie Minuth**  
Recruiter



## 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.

The **Development Center Dresden** was launched in 2019 and is growing successfully. Today, more than **120** top-class experts and young talents from **23** nations are working on research and development of new products and solutions for automotive and power electronics, software, chip design and verification, characterization of complex systems as well as development of products and solutions with artificial intelligence. In the long term, the Development Centre will employ around 250 people. State-of-the-art research and characterization labs facilitate R&D activities for automotive applications, electromobility and AI chips of the next but one generation. The Development Center covers the complete development value chain from product and system definition to qualification.

This is the right place for you, if you want to work in a high-tech environment, master challenges of advanced product development, be part of a multicultural team with great spirit and experience a startup-like culture.

[Click here](#) for more information about working at DC Dresden with interesting employee and management insights and an overview with more Jobs at #DCDresden.

## – 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.

