

Driving decarbonization and digitalization. Together.



Internship/Thesis: Embedded Software Engineer (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. We are looking forward to your application!

- **Research experience:** You research existing compiler support and intrinsics handling for different architectures
- **Take responsibility:** You own HW-Design knowledge of RISC-V processors and HW-SW interface knowledge, and you get started working and using the in-house software code generator targeting the generation of neural network kernel libraries
- **Lifelong learning:** You will gain significant knowledge of the compilers and hardware architecture
- **Reliable work:** You take over the handling of extending in-house software code generator to support different architecture

Profile

- **Study field:** You are currently studying Computer Science, Embedded Systems, or similar
- **Knowledge:** You have basic knowledge of computer architecture and organization
- **Experience:** You possess knowledge in Embedded Software, RISC-V Architecture, and compilers. Knowledge of Artificial Intelligence on Edge is a plus
- **Skills:** You are skilled in Python, and C or Rust
- **Personality:** You are skilled in problem-solving and adaptability and possess great attention to detail
- **Language skills:** You have German and 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)

At a glance

Location: **Munich (Germany)**
Job ID: **HRC0966754**
Start date: **Nov 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: **HRC0966754**
www.infineon.com/jobs



Contact

Britta Johansson



- High school report

Benefits

- **Munich:** Coaching, mentoring networking possibilities; Wide range of training offers & planning of career development; International assignments; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Flexible working conditions; Home office options; Part-time work possible (also during parental leave); Sabbatical; On-site creche and kindergarden with 220 spots, open until 5:30pm; Holiday child care; On-site social counselling and works doctor; Health promotion programs; On-site gym, jogging paths, beachvolleyball, tennis & soccer court; On-site canteen; Private insurance offers; Wage payment in case of sick leave; Corporate pension benefits; Flexible transition into retirement ; Performance bonus; Reduced price for public transport and very own S-Bahn station; Access for wheelchairs; Possibility to work remotely from abroad (EU)

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

#WeAreIn for driving decarbonization and digitalization.

As a global leader in semiconductor solutions in power systems and IoT, Infineon enables game-changing solutions for green and efficient energy, clean and safe mobility, as well as smart and secure IoT. Together, we drive innovation and customer success, while caring for our people and empowering them to reach ambitious goals. Be a part of making life easier, safer and greener.

Are you in?

The central R&D organization „**Design Enabling and Services**“ (DES) provides the design environments (design-systems) to the different product development teams at Infineon. With leading edge design methods, complex building blocks and a wide range of product development services DES enables Infineon's advanced IC development. This means the complete value creation chain from abstract system models down to the fully verified product layout which ensures high quality manufacturing readiness.

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.

