



Expertise	★	★	★	★	★
Determination	★	★	★	★	★
Uncertainty	★	★	★	★	★

Committed and with passion for precision we create digital reality solutions combining sensor, software, and autonomous technologies to empower a sustainable future.

Great experience in perceiving, thinking and acting, i.e. in the acquisition, analysis and active use of measurement data, our customers benefit from higher production speeds, faster growing productivity and at the same time increasing product quality. If this sounds like the perfect job for you, join our team and make your visions come true!

Embedded Software Engineer (f/m/d)

Heerbrugg  80 - 100%

This appeals to you

- Develop embedded software solutions using C/C++ on ARM and DSP based processors
- Develop and maintain Board Support Package (BSP) drivers and services that operate efficiently in a constrained environment yet when pressed can efficiently deliver large volumes of data with low-latency and high-bandwidth.
- Develop and maintain automated tests (CI/CD) to ensure the quality of the products
- Provide high quality documentation for the software solutions
- Close cooperation with other HW and SW engineers

This is you

- A relevant university qualification (Bachelor / Master / Ph.D.) in computer science or electronic engineering
- Advanced embedded development skills (BSP, kernel and driver development, debugging)
- Good knowledge of embedded Linux architecture, Linux kernel, device drivers, common bootloader, scripting languages (bash/python), system management, and network stack
- Experience in the development of Yocto recipes and layers or other Linux distribution generators. Toolchain management (compilers and builders). Concurrent programming and IPC in Linux and main operating systems
- Familiarity with using git-based repositories and CI/CD systems
- Structured thinking and a strong ability to diagnose hardware and software issues; hands-on hardware bring-up, system debugging, and code optimization

- Experience in hardware bring-up using interfaces like ADC, GPIO, SPI, I2C, etc
- Fluent spoken and written English, with German being beneficial as well

We offer you

- Flexible annual working hours based on a 40-hour week, with 100% employment
- Vacation entitlement: 25 days from the age of 20, 27 days from the age of 40 and 30 days from the age of 50
- Hybrid Working model
- Generous bonus system and extra-mandatory pension fund contributions
- Individual training opportunities (internal and external)
- Relocation service
- Various Discounts (Health, Car, Entertainment and much more)
- Employee Events
- Flat hierarchy structure
- Warm and international corporate culture based on respect and cooperation

About Us

Hexagon is a leading provider of digital reality solutions and employs more than 24,000 people in 50 countries. You will be part of a strong, experienced, inspiring and motivated team of experts driving the future of Hexagon. You will use and develop your skills in our highly innovative and diverse environment.

Flexible working models allow you to ideally combine work and private interests.

Contact

If you have any questions, please do not hesitate to contact [Brigitte Schnetzer](#), Talent Acquisition Specialist.

APPLY NOW

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