



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

As an AI Engineer in our team, you will tackle complex problems and develop intelligent solutions to make our devices easier to use and more powerful. You support our worldwide product teams in bringing ML algorithms into software and hardware products. You implement high quality ML models and software artefacts that can directly be included into products. Select and benchmark suitable architectures and suitable runtimes, train, downsize and adapt models for resource-constrained devices and support the deployment into our hardware products.

Join our team and work with exciting technologies and a wide variety of ML solutions!

Senior AI Engineer for Embedded Devices (f/m/d)

Heerbrugg  80-100%

This appeals to you

- Take responsibility for feature development projects end-to-end from inception to ML development to deployment and integration into products
- Design, develop and train machine learning models tailored to our hardware using state-of-the-art techniques
- Implement advanced low-level model inference optimizations to fully leverage on-device accelerators
- Work in an agile environment, collaborating with product teams and machine learning professionals all over the world

This is you

- A university degree (M.Sc. or D.) in computer science or artificial intelligence or a similar field
- At least 5 years of experience with machine and deep learning techniques and preferably 5+ years of experience developing software for embedded devices
- Proven experience in training, evaluation, and deployment of neural networks, covering all stages from data ingestion to model deployment
- Good knowledge of ML exchange formats, runtimes, compilers and knowledge of adapting models for and deploying to embedded platforms
- Solid background in developing with C-based languages and Python
- Experience in obtaining and formalizing customer requirements and defining use cases
- Fluent English

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
- Discounts on health, mobility & entertainment
- Employee Events
- Flat hierarchy structure
- Warm and international corporate culture based on respect and cooperation

[Here](#) you can find more information about us as an employer.

About us

At Hexagon, we are the global leader in measurement technologies. Our precision measurement, positioning, and autonomous solutions transform the world's most vital industries – providing the confidence that customers rely on to build, navigate, and innovate.

From microns to Mars, we drive productivity, quality, safety, and sustainability where it matters most. We help industries operate smarter, reduce risk, and reach new levels of efficiency.

Looking ahead, we are advancing our customers towards a future of true autonomy – enabling them to meet sustainability and demographic challenges with confidence.

With approximately 16,000 employees across 50 countries, Hexagon combines global scale, expertise, and innovation to make a lasting impact across some of the world's most vital industries.

Learn more at hexagon.com.

When it has to be right, it has to be Hexagon

Contact

If you have any questions, please do not hesitate to contact [Dominik Kung](#), Talent Acquisition Partner.

APPLY NOW

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