

Would you like to be part of an exciting venture shaping the **future of mobility**? Use your expertise and know-how to develop innovative solutions for **autonomous driving and driver assistance applications** together with a highly motivated team of experts.

As an **Embedded Linux Engineer at emotion3D**, you will be responsible for writing high-quality embedded software code within the domain of computer vision for advanced 2D/3D automotive sensing applications.

Embedded Software Developer (m/f/d)

Full time

Your responsibilities:

- You conceptualize and develop embedded C++ software applications
- You estimate development efforts and support selection of suitable platforms and architectures
- You create and check estimates for development effort
- You deploy C/C++ machine learning applications on various embedded devices
- You optimize execution of neural networks across different device cores (e.g. CPU, NPU, DSP, GPU, etc.)
- You create high quality, tested and efficient software in C++ for our AI / ML SW stack
- With your expertise you support project managers and our customers
- You create and maintain the architecture and software documentation

Your skills:

- Structured way of working from idea generation to successful implementation
- Several years of experience as embedded Linux and / or kernel developer
- Strong software development skills in C++ with a passion for clean, well-tested, and well-documented code.
- Experience with ARM architectures and Linux/Yocto, ideally also other OS (e.g. QNX, RTOS, Android)
- Knowledge in SW optimization for different compute HW (CPU, GPU, DSP, NPU, SoC) is a plus
- Experience with AI accelerators on different embedded device is a plus
- Ideally experience in process compliant development for security relevant applications
- Good knowledge of German and English

Your qualification:

- High motivation to work with newest AI platforms for automotive applications
- Completed higher technical education in Computer Engineering, Embedded Systems, Mechatronics / Robotics, Computer Science, Telematics, or comparable fields
- 3+ years professional computer vision experience

Our offer:

- Exciting challenges with room for new and innovative ideas within a highly qualified team
- High responsibility and steep learning curves on challenging automotive industry projects
- Flexible working hours
- A modern office environment in a central position of Vienna as well as professional remote work options
- A market compliant salary – minimum € 48.000 p.a. - in according to your qualification and experience

You are interested? Please send us your application! We are looking forward to meeting you!

Florian Seitner

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