Do you want to join an exciting venture that is shaping the **future of mobility**? Use your expertise and know-how for solving innovative challenges in **autonomous driving and driver assistance** within a highly motivated team of experts.

As an **Embedded Computer Vision Software Engineer at emotion3D**, you will be responsible for writing high-quality software within the domain of computer vision for advanced automotive 2D/3D sensing applications. You like trying & testing new ideas and tackling challenging 2D/3D geometric computer vision issues? Then this job is for you.

Embedded Computer Vision SW Engineer (m/f/d)

Full time

Your responsibilities:

- Work with product managers and engineers defining technical concepts & requirements, effort estimates & validating feasibility of a computer vision problem
- Work independently to design and implement specific computer vision algorithms that accomplish well-defined user-level goals
- Collaborate with a team of cross-disciplinary software engineers while you integrate your algorithms into a resource-constrained system that must share processing time with other computer vision and machine learning algorithms
- Work on iterative releases, MVP-style, on features that generally take a month or two to develop, not a year or two
- Test and debug your code so that you are proud of it
- Help our support team answering questions as they help our customer having the best experience possible

Your skills:

- Knowledge and experience in geometric computer vision and camera calibration
- Proficiency in C++, potentially Python and ability to develop clean and well-documented modular code
- Experience with OpenCV, PCL, Linux/RTOS, ideally in an automotive environment
- Experience with developing and optimizing productive code for embedded devices
- Experience with integrating drivers for cameras and other related image-based sensors
- Expertise in various depth sensing technologies (stereo, time-of-flight, structured light) is a plus
- More of a "practical" than "theoretical" mindset
- Experience with rapid prototyping concepts
- Experience with version control (preferably Git) and issue tracking systems (preferably Jira)
- Proven creativity in developing for resource constrained hardware environments
- Experience in an agile software development environment
- Design knowledge of CNN architectures, learning with visual big data is a plus

Your qualification:
- University degree with Engineering context preferably Computer Science or similar
- 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 € 42.000 p.a. - in according to your qualification and experience

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

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