

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 a **Senior C++ Computer Vision Engineer at emotion3D**, you will be responsible for developing high-quality C++ software for automotive in-cabin perception applications.

Senior C++ Computer Vision Engineer (m/f/d)

Full time

Your responsibilities:

- Work independently to design and implement specific computer vision algorithms that accomplish well-defined user-level goals
- Work across various levels of the automotive product development lifecycle, including development effort estimation, as well as software implementation, unit-testing, integration testing, documentation, design, and code review
- Collaborate with a team of cross-disciplinary software engineers while you integrate your algorithms into a resource-constrained computational system that must share processing time with other computer vision and machine learning algorithms
- Build high-quality series software for 3D perception applications
- Status reporting and technical guidance for project managers
- Customer interactions along with project managers

Your skills:

- Demonstrated commercial experience developing products using C/C++ and ability to develop clean and well-documented modular code
- Understanding of Agile methodologies, experience with version control (preferably Git) and issue tracking systems (preferably Jira)
- Strong problem solving, data analysis and analytical skills
- Knowledge and experience in geometric computer vision and camera calibration
- Design knowledge of CNN architectures, learning with visual big data
- More of a "practical" than "theoretical" mindset
- Proven creativity in developing for resource constrained hardware environments
- Ability to express technical concepts clearly, both verbally and written
- Ability to work effectively and cooperatively within a team
- Ability to provide guidance to junior team members, while remaining open minded
- Experience in developing automotive software products and especially safety-critical applications with compliance to industry safety standards such as ASPICE/ ISO 26262 is a plus
- Experience with deep learning model architectures and frameworks (e.g., Tensorflow) is a plus

Your qualification:

- University degree with Engineering context preferably Computer Science or similar
- 4+ years of experience in a high-tech software development environment

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!

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