Do you want to join an exciting venture that is shaping the future of autonomous driving? 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 System Architect: Automotive** at emotion3D, you will work closely with our Machine Learning teams and use your knowledge about functional safety (e.g. ISO 26262) to ensure compliance with high-quality safety standards for our automotive software products. Your contribution will result in **high-quality Deep/Machine Learning and Computer Vision software** that addresses the challenges of complex automotive safety systems. Join our team in Vienna as:

Embedded System Architect: Automotive (m/f/d)
Full-time, Senior Level

Your responsibilities:
- Define and Document safe E/E system designs and safety concepts with autonomous driving by considering Functional Safety (ISO 26262, up to ASIL D) and Safety of the Intended Functionality (ISO 21448)
- Analyzing, evaluating, and alignment with customer stakeholders regarding high-level communication requirements
- Assume responsibility for the development of safety concepts and the application of formal safety analysis methods and support the execution of our software products' safety lifecycle
- Prepare for and participate in functional safety audits and assessments
- Perform tool qualification and tool classification
- Provide technical leadership to ongoing projects and engage with multiple customers in parallel
- Help customers in understanding camera system requirements in customer-specific safety architecture and suggest appropriate safety solutions
- Contribute to the continuous improvement and tailoring of our software development processes according to functional safety standards

You should have:
- Technical education (e.g. Computer Science, Electrical Engineering, or related)
- Practical experience in safety-critical software development and processes
- Knowledge of functional safety & QA standards (ISO 26262, ASPICE, SOTIF) and related tools
- In addition to good knowledge of C / C++, you have very good knowledge of software architecture with UML.
- Furthermore, Basic knowledge of using common software / DevOps tools (Git, DevOps, Jira, Code Beemer) and agile development methods.
- Communicative team player with a strong awareness of quality and enjoy working independently with self-initiative
- EU citizenship or work permit for Austria

Our offer:
- Responsibility and individual development – play an active and central role in our team
- Exciting work environment – share our passion for innovation and cutting-edge AI technologies
- Flexible working arrangements – tailor your work according to your personal needs
- Unique team spirit – join our dedicated team of international experts and regular team activities
- Central and modern office environment – benefit from our office location in the heart of Vienna
- A competitive salary fitting your expertise and qualification (minimum salary €47.194)

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