### Job posting

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**Title**

Research Associate / PhD Candidate „Autonomous Driving“

**Institution**

Heilbronn University of Applied Sciences ranks amongst the major institutions of Higher Education in the state of Baden-Württemberg with more than 8,200 students on 4 campuses, namely Heilbronn – Sontheim, Heilbronn – Bildungscampus, Künzelsau and Schwäbisch Hall.

The university is a family-friendly, vibrant institution which is committed to innovative and interdisciplinary knowledge transfer. It works closely with its many partners in business, industry and the local community to create a sustainable and ethical learning environment for its students.

Research at our institution is characterised by the integration of teaching and research when conducting joint projects with stakeholders and partners from industry and science. It thus supports knowledge exchange between academia and society.

**Position**

We are looking for motivated qualified research associates with hands-on experience to work on our third-funded research projects in the field „Autonomous Driving“.

**Responsibilities**

This position includes:

- Assignments in the framework of research and development projects of the IKM - Institute of Automotive Engineering and Mechatronics
- Assistance by planning, managing, and coordinating of research activities in the research field "Autonomous Driving", "Autonomous systems", and/or "Autonomous driving in urban environments"
- Coordinating of activities within the research group as well as with the participating research institutions and industrial companies
- Providing support by the initial acquisition of third-party funds
- Supervision of student research training courses (e.g. students research projects, research lab courses)
Requirements
- A Master's or Bachelor's degree in computer science, mechatronics, electronics or other
- Strong scientific interest in applied research
- Solid understanding of robotic hardware, experience in software development for embedded robotic systems
- A solid background in sensor technology and sensor data evaluation
- Good knowledge of programming under Linux, programming skills in C/C++, Python and ROS
- Independent, structured approach to work, high motivation, initiative and team spirit
- German and English language skills

Application procedure
Please send your application with the usual documents, in particular CV, proof of qualification and certificates, stating the reference number 677-T1 until 10 January 2023 by e-mail to bewerbungen@hs-hn.de

Job posting: https://cdn.hs-heilbronn.de/6e614a697c0344cc/d207cffdd8e9/677-T1.pdf

The limited working contract could be extended and therefore this position suits candidates interested in doing a doctorate.

Contact
Prof. Dr.Ing. Raoul Zöllner
e-mail: prorektorat-forschung@hs-hn.de

Heilbronn University of Applied Sciences
IKM - Institute of Automotive Engineering and Mechatronics
Max-Planck-Strasse 39
74081 Heilbronn
Germany