



**Das ZeMA - Zentrum für Mechatronik und Automatisierungs- technik
gGmbH is looking for**

Student research assistant (m/w/d) in the field of Human-Robot-Cooperation

ZeMA research facility is looking for student assistants for coding applications in the field of robotics. The students would be affiliated in the Robotics and Human-Technology interaction team where industrial and sensitive robots are used to realize manipulation tasks human-robot-collaboration demonstrations. To this end artificial intelligence and learning tools are very relevant. Working on industrial and research projects, students would have the chance to gain experience in controlling robots, implementing applications and integrating a multidisciplinary environment.

Your tasks

- Independent research
- Implementation of applications using AI, ML and computer vision tools
- Controlling of real robot systems
- Browsing through related scientific literature

Your Profile

- Perusing a degree in Mechatronics, computer science or related fields
- Programming skills in C++, Python or JAVA
- Basic Linux knowledge
- Basic knowledge of AI algorithms and implementation
- Experience working with computer vision and image processing
- Experience with Pytorch or Tensorflow is a plus
- Independent working and reliability
- Enthusiasm and ability to work in a team

What can you expect

- Insights into a current research project
- Hands on experience with industrial and collaborative robots
- Open working atmosphere and flexible working hours
- Professional exchange with scientists and other students

Have we aroused your interest?

Our young and international team is looking forward to hearing more from you! Simply send us your complete application (cover letter, resume, references) in digital form. Unfortunately, we cannot cover any travel expenses incurred during the application process.

ZeMA

The Center for
Mechatronics and
Automation Technology
regards itself as a
development partner
close to industry with
the goal of
industrialization and
technology transfer of
research and
development results.

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