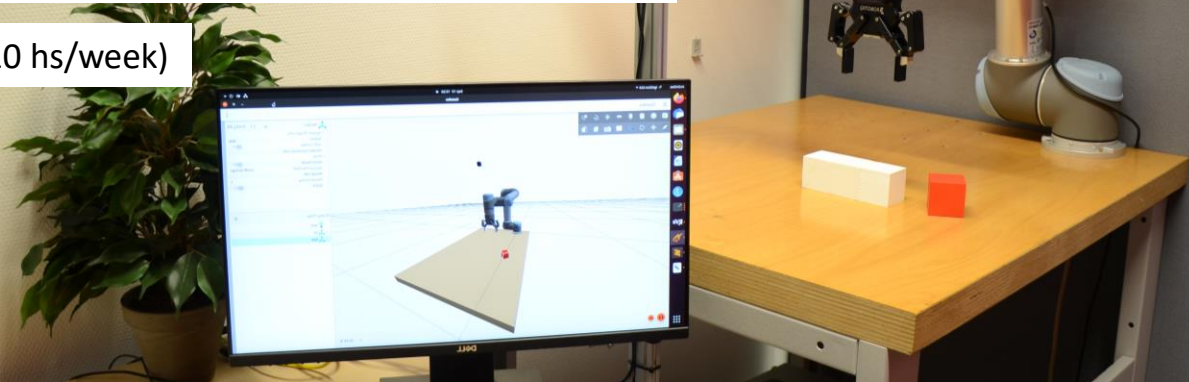


Student Assistant (HiWi) for Robotics Research

(10 hs/week)



Job description

- ✓ Perception & object manipulation with an industrial robot arm
- ✓ Diverse tasks related to creating 3D structures and solving puzzles
- ✓ Code implementation of state-of-the-art algorithms
- ✓ Hardware & software integration tasks
- ✓ Robot simulation and real world experiments
- ✓ Related project: ["RePAIR" - Reconstructing the Past: Artificial Intelligence and Robotics meet Cultural Heritage](#)

Key requirements

- ✓ Interested in robotics and autonomous systems
- ✓ Good programming skills (Python, C++ and git)
- ✓ Completed bachelor degree in computer science or engineering
- ✓ Enrolled in a master program (computer science, robotics or similar)

Valuable qualifications

- ✓ Experience with ROS 1/2 and simulation (preferably Gazebo)
- ✓ Experience with machine learning frameworks (Pytorch, TensorFlow)
- ✓ Reliable and responsible
- ✓ Independent and flexible work attitude
- ✓ Excellent communication skills

What we offer

- ✓ Access to cool robots & premium coffee
- ✓ Flexible working hours
- ✓ Active contribution to scientific publications and co-authorship

Application

- ✓ Email to kreis@cs.uni-bonn.de
- ✓ Include in 1 PDF: Letter of motivation, CV and transcript of records (bachelor & ongoing master)



Scan for more
information



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