Student Assistant (HiWi) for Robotics Research

(10 hs/week)
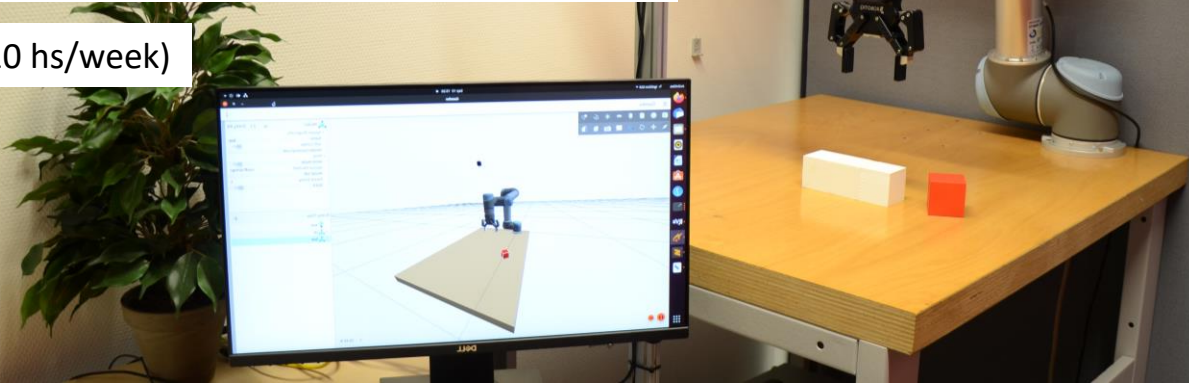
Job description	✓ Perception & object manipulation with robotic arms ✓ Diverse tasks related to assembling structures & solving puzzles ✓ Code implementation of state-of-the-art algorithms ✓ Hardware & software integration tasks ✓ Robot simulation & real world experiments ✓ Related project: "RePAIR" - Reconstructing the Past: Artificial Intelligence and Robotics meet Cultural Heritage
Key requirements	✓ Interested in robotics & autonomous systems ✓ Good programming skills (Python, C++, 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 & simulation (Gazebo, PyBullet, MuJoCo) ✓ Experience with machine learning & frameworks (Pytorch, OpenCV) ✓ Reliable & responsible ✓ Independent & flexible work attitude ✓ Excellent communication skills
What we offer	✓ Access to cool robots & premium coffee ✓ Flexible working hours ✓ Active contribution to scientific publications & co-authorship
Application	✓ Email to kreis@cs.uni-bonn.de ✓ Include **in 1 PDF**: Letter of motivation, CV & transcript of records (bachelor & ongoing master)

Scan for more information

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