



Committed and with passion for precision we create digital reality solutions combining sensor, software, and autonomous technologies to empower a sustainable future.

As a Robotics Controls Engineer, you will work in an interdisciplinary team of algorithm experts, robotic engineers and embedded system developers and contribute to our next generation robotic projects currently in development. You will be responsible for developing our novel mobile robotic system's capability to reliably interact with its environment and automate dexterous manipulation tasks.

Join our newly established team within Hexagon's Innovation Hub and help build the next generation of autonomous mobile robots!

Robotics Controls Engineer (f/m/d) - Learning Dexterity

Zürich  80-100%

This appeals to you

- Being part of an R&D team with startup spirit in a globally active company
- Working in a multicultural and interdisciplinary environment
- Engineering and development from prototype to innovative serial production
- Active and hands-on development of robotic manipulation systems
- Team-oriented problem-solving and creative thinking to push the boundaries of cutting-edge technologies

This is you

- MS/PhD in Computer Science, Mechanical Engineering, Robotics, or equivalent
- 2+ years of experience in robotic system development
- Experience with learning-based robotic arm and hand control, particularly tele-operation and imitation learning
- Strong foundation in robotic manipulation concepts, including robot kinematics and dynamics, compliant control, and motion planning
- You strive to work hands-on with robots and turn algorithmic concepts into reliable robot behaviors
- Comfortable with C++ and Python programming and experience in using ROS, Linux, and Git
- Strong communication skills and willingness to produce production-level code

- Proficiency in English required, basic German skills advantageous

We offer you

- Flexible annual working hours based on a 40-hour week, with 100% employment
- Vacation entitlement: 25 days from the age of 20, 27 days from the age of 40 and 30 days from the age of 50
- Hybrid Working model
- Generous bonus system and extra-mandatory pension fund contributions
- Individual training opportunities (internal and external)
- Relocation service
- Various Discounts (Health, Car, Entertainment and much more)
- Employee Events
- Flat hierarchy structure
- Warm and international corporate culture based on respect and cooperation

About Us

Hexagon is a leading provider of digital reality solutions and employs more than 24,000 people in 50 countries. You will be part of a strong, experienced, inspiring and motivated team of experts driving the future of Hexagon. You will use and develop your skills in our highly innovative and diverse environment. Flexible working models allow you to ideally combine work and private interests.

Contact

If you have any questions, please do not hesitate to contact [David Rank](#), Talent Acquisition Specialist.

APPLY NOW

Hexagon Technology Center GmbH
Heinrich Wild Strasse
CH-9435 Heerbrugg

Job-ID: uc846iaw



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