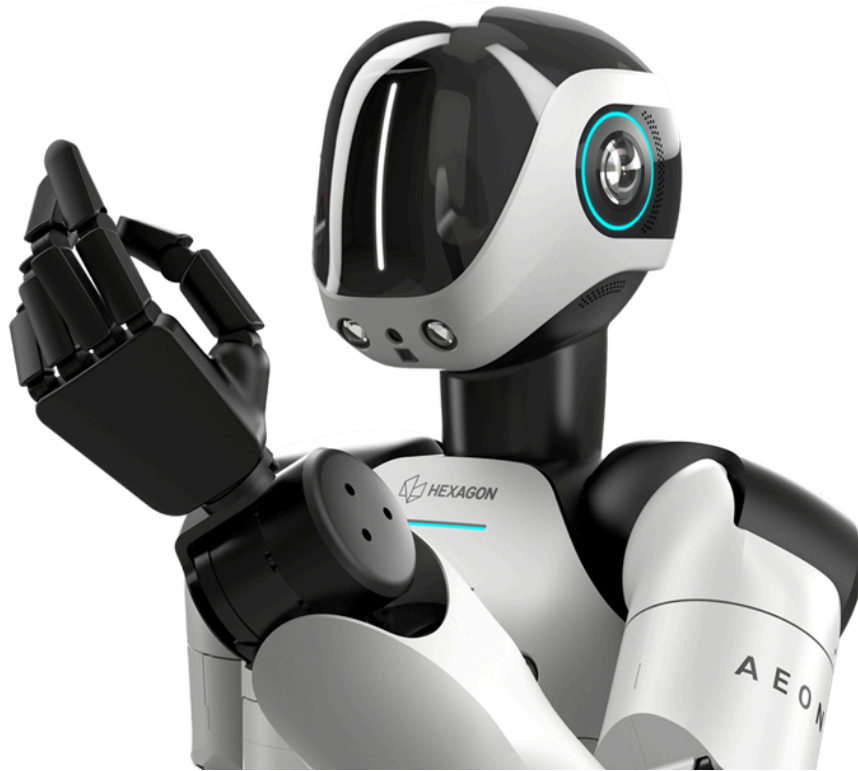




Test Engineer (f/m/d)

100% Zürich

Hexagon Robotics is a division of Hexagon – a global leader in precision measurement. Established in 2025, Hexagon Robotics develops humanoid robots for industrial sectors to address labor shortages and enable the transition from automation to autonomy. The first humanoid product, AEON, was launched in June 2025 and combines agility, awareness, spatial intelligence and versatility to provide a market-leading solution for automotive, transportation, aerospace, manufacturing, and logistics customers.

We are looking for a **Test Engineer** who is detail-oriented, creative, and driven. The ideal candidate thrives in a fast-paced environment and is passionate about ensuring the highest standards of quality in both hardware and software systems. If you love solving complex problems, working with state-of-the-art robotics, and making groundbreaking ideas a reality, we want to hear from you!

Your Mission

- Develop and execute test plans for hardware and software systems to ensure optimal performance, reliability, and safety of the humanoid robot
- Design and implement automated and manual testing frameworks for robotic systems, including sensors, actuators, and AI algorithms

Your Skillset

- Bachelor's or Master's degree in Robotics, Mechanical Engineering, Electrical Engineering, Computer Science, or a related field. 2+ years of experience in hardware and/or software testing (experience testing robotic or mechatronics systems is a big plus).
- Proficiency in programming languages such as Python and C++. Experience with

- Collaborate with cross-disciplinary teams (mechanical, electrical, software, and AI engineers) to identify potential issues and ensure seamless integration of components
- Analyze system performance data and troubleshoot issues to identify root causes and propose actionable solutions
- Simulate real-world scenarios to test the robot's functionality, durability, and adaptability in various environments
- Document test results and generate comprehensive reports, providing clear feedback to the development team.
- Continuously improve testing methodologies to align with industry best practices and emerging technologies
- Ensure compliance with safety standards and regulations for humanoid robotics.
- test automation tools and frameworks, and Jira is highly desirable.
- Familiarity with ROS and CI/CD integration for embedded software is desired.
- Familiarity with testing sensors, actuators, microcontrollers, or embedded systems. Hands-on experience with robotic hardware is a big plus.
- Understanding of AI, machine learning, or computer vision systems and their testing requirements is a bonus.
- Strong analytical and troubleshooting skills, with the ability to diagnose and resolve complex technical issues.
- A meticulous approach to testing, ensuring no detail is overlooked.
- Excellent communication and collaboration skills, with the ability to work effectively in a multidisciplinary team.
- A genuine interest in humanoid robotics and a drive to contribute to the advancement of this exciting field.
- Proficiency in English is a must; German is a plus.

What You'll Get

- Flexible working hours and a hybrid model for real work-life balance
- Generous vacation: 25–30 days depending on age
- CHF 500 mobility credit for sustainable commuting
- Bonus system & strong pension contributions
- Tailored training & development opportunities
- Relocation support for a smooth start
- Discounts on health, mobility & entertainment
- Team events and a flat hierarchy where your voice counts
- A warm, international culture built on respect and collaboration

Great robots need great people.

Apply Now

Contact

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Hexagon Robotics

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