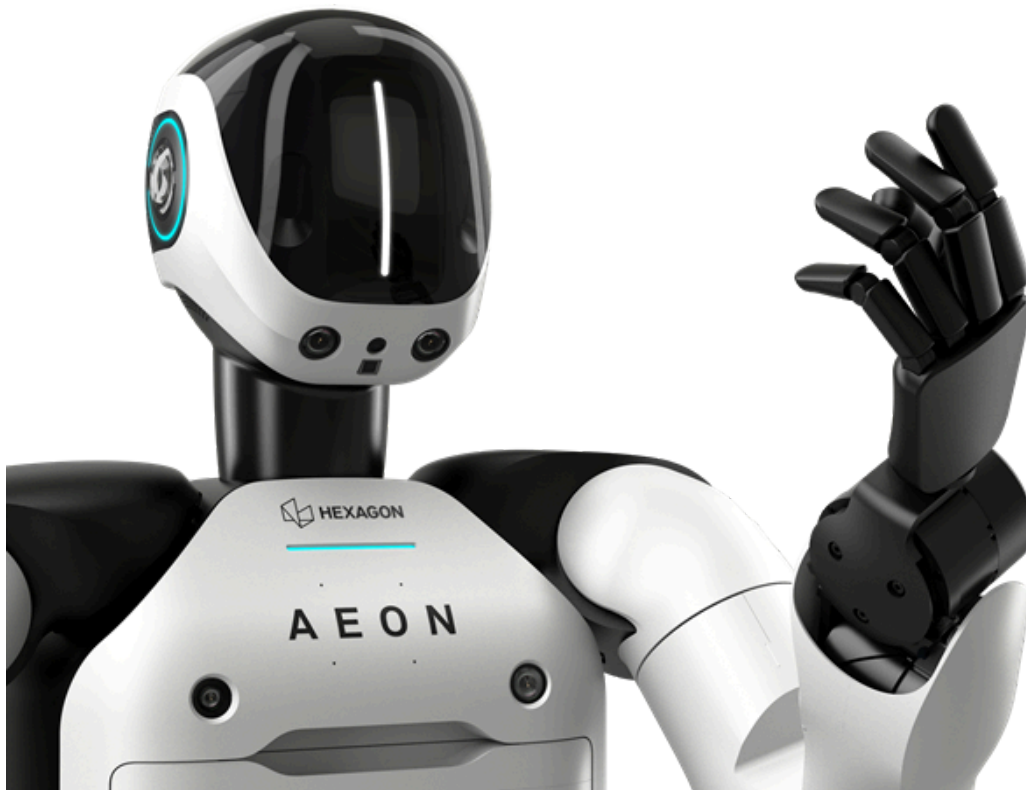




Test & Verification Engineer (Robotics)

100% Zürich

Hexagon Robotics is a division of Hexagon – a global leader in precision measurement. The division develops humanoid robots for industrial sectors to address labor shortages and accelerate the transition from automation to autonomy. Our first humanoid, AEON, was launched in June 2025 and is already in pilots with five customers.

We are looking for a hands-on **Test & Verification Engineer** to ensure our robotic systems perform reliably in real-world environments. Your mission is to build and maintain an effective testing capability that enables engineering teams to deliver robust, high-quality products.

You will define test strategies, prepare test environments, execute validation activities, document results, and work closely with development and QA teams to drive issues to resolution. You enjoy creating order out of complexity, have a strong eye for detail, and take pride in turning test findings into product improvements.

This role combines practical robotics work with structured engineering practices and is ideal for someone who enjoys both hands-on work and systematic validation.

Your Mission

- Define, plan, and execute hardware, software, integration, and system-level tests for robotic products.

Your Skillset

Technical Skills

- Degree in Robotics, Mechatronics, Electrical Engineering, Computer

- Create clear and repeatable test procedures, test plans, and acceptance criteria.
- Execute tests on real robotic systems and document results in a structured and traceable manner.
- Identify, reproduce, and characterize failures and unexpected system behavior.
- Communicate findings effectively to development teams and support root-cause analysis.
- Track issues through resolution and verify corrective actions.
- Support release verification and readiness assessments.
- Continuously improve test processes, coverage, and efficiency.

Test Infrastructure & Laboratory Support

- Build, organize, and maintain robotics test environments and validation facilities together with the QA team.
- Manage test benches, robots, sensors, tools, and supporting equipment.
- Ensure Engineering test systems are operational, calibrated, documented, and ready for use.
- Define and maintain test data, test assets, and configuration baselines.
- Coordinate equipment usage, maintenance, and inventory.

Collaboration & Communication

- Act as the bridge between QA and development teams.
- Provide clear, actionable feedback to software, hardware, and systems engineers.
- Participate in defect triage, investigation, and verification activities.
- Ensure issues are sufficiently documented to enable efficient debugging.
- Drive closed-loop quality improvement by ensuring findings result in concrete

Engineering, Automation, or a related field.

- Experience testing complex electromechanical or robotic systems.
- Strong troubleshooting and analytical skills.
- Ability to work with hardware, sensors, embedded systems, networking, and software-controlled devices.
- Understanding of software development, release and deployment processes.
- Familiarity with Linux-based systems.
- Experience with scripting, automation, ROS/ROS2, Python, or similar technologies is beneficial.
- Experience using laboratory and diagnostic equipment.

Personal Attributes

- Strong ownership mindset and attention to detail.
- Structured, methodical, and organized working style.
- Hands-on mentality with a passion for making things work reliably.
- Excellent communication and documentation skills.
- Persistent problem solver who follows issues through to closure.
- Pragmatic and action-oriented with a focus on product quality.

product improvements.

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

David Rank
Senior Recruiter / HR Generalist
E-Mail: dylan.maher@hexagon.com



Hexagon Robotics
Räffelstrasse 26, 8045 Zürich
<https://robotics.hexagon.com/>