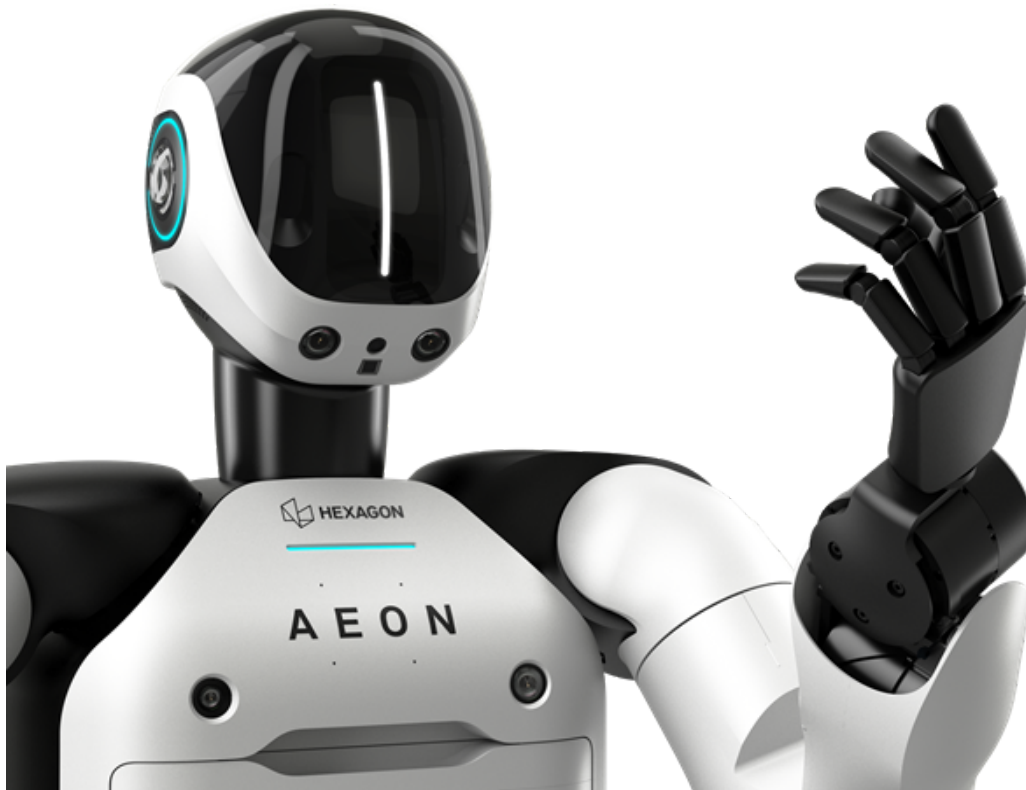




System Integration Engineer - Robotics

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.

As a **Senior Robotics Integration Engineer**, you will be responsible for turning cutting-edge robotics technology into solutions that solve real customer problems. Working at the intersection of software, hardware, and operations, you will integrate, validate, and deploy complex robotic systems that perform reliably in demanding real-world environments.

This is a primarily software-focused role requiring strong engineering fundamentals in C++ and modern development practices, combined with a hands-on mindset and the ability to troubleshoot robots, sensors, actuators, and system integrations when needed. You will work closely with software, electrical, mechanical, and product teams to bridge the gap between individual components and a robust, field-ready product.

Your Mission

- Turn innovative robotics technology into customer value by integrating software and hardware into systems that perform reliably in real-world environments.

Your Skillset

- Degree in Robotics, Computer Science, Electrical Engineering, Mechatronics, or similar.

- Integrate and validate software across perception, navigation, manipulation, and mission execution.
- Troubleshoot complex issues spanning software, hardware, networking, UI/UX, and robotics subsystems.
- Develop tools, automation, tests, and diagnostics to improve system reliability.
- Support robot bring-up, testing, and deployment activities.
- Collaborate closely with software, electrical, and mechanical engineers.
- 5+ years of experience in robotics, automation, or autonomous systems.
- Strong C++ skills and solid Python experience.
- Proven track record integrating complex robotic or autonomous systems.
- Strong debugging and problem-solving skills.
- Experience with Linux, ROS2, git, testing, code reviews, and CI/CD.
- Hands-on attitude and willingness to work directly with robots and hardware.

Nice to Have

- Experience with mobile robots, manipulation, or humanoid robotics
- Field deployment experience
- Relevant experience in industrial automation

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.

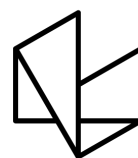
Apply Now

Contact

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HEXAGON

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