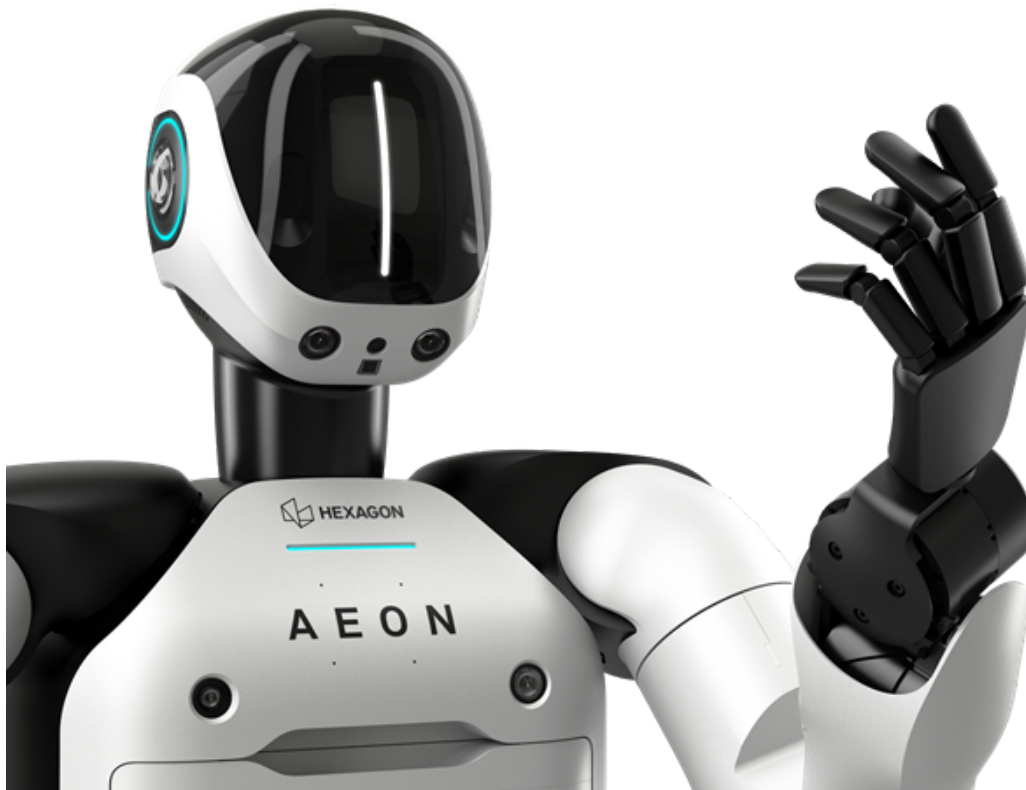




Mechatronics Intern (f/m/d)

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 high-energy intern to take a specialized robot arm project from concept to verification. You won't just be shadowing; you'll be building a critical manipulation component for our humanoid robot, Aeon.

Your Mission

- **Design and prototype:** Develop a robotic arm and a dedicated test rig to evaluate the design against defined use cases.
- **Simulate and test:** Run verification and validation tests with the prototype to characterise the robotic arm's performance across different use cases.
- **Improve the design:** Analyse test data, identify key performance parameters, and

Your Skillset

- **Relevant engineering background:** You are studying or have completed a BSc or MSc in mechanical engineering, mechatronics, robotics, or a closely related field.
- **CAD and design skills:** You can create and update detailed mechanical designs in CAD, ideally using Siemens NX.

refine the arm design based on the results

- **Hands-on prototyping experience:** You are comfortable assembling, testing, and troubleshooting complex mechatronic systems.
- **Ownership and delivery mindset:** You take initiative, work independently when needed, and stay focused on completing the project.

What You'll Get

- Hands-on responsibility for a technically meaningful project
- The opportunity to work directly on a state-of-the-art humanoid robot
- Close collaboration with experienced robotics, electronics and software engineers
- Tailored training & development opportunities
- 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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