



Welcome to **NEURA Robotics**, the innovator of the robotics world. Our goal is to equip collaborative robots with groundbreaking cognitive capabilities to enable safe and intuitive collaboration with humans. Under the leadership of founder David Reger, we have spent the first years of **NEURA Robotics** laying the foundations for humans and robots to work hand in hand.

"We serve humanity" is not just a motto, but our mission. Become part of our ambitious, international company and shape the future of robotics with us.

Welcome to **NEURA Robotics** - where innovation meets team spirit.

Your mission & challenges

We are seeking a highly skilled and experienced Safety Expert to lead and manage safety initiatives of our 4NE-1 humanoid robot. This role requires expertise in safety standards, cross-functional collaboration, and a passion for integrating advanced technologies like Artificial Intelligence into safety frameworks. This includes:

- Lead and manage all functional safety activities for humanoid robotics projects, ensuring compliance with ISO 26262 and other relevant safety standards.
- Stay current with evolving safety standards (e.g., ISO 13849, IEC 61508) and best practices in robotics and automation.
- Develop and execute comprehensive safety plans, schedules, and key deliverables such as HARA, Safety Goals, FSC, TSC, and Safety Cases.

- Create and maintain essential safety documentation, including safety plans, safety cases, and verification & validation reports.
- Perform in-depth safety analyses using inductive and deductive methods.
- Conduct Functional Safety Assessments, audits, and design reviews both internally and externally.
- Act as the primary point of contact for safety-related initiatives.
- Collaborate closely with cross-functional, multicultural, and geographically distributed engineering teams and external stakeholders.
- Work with hardware, software, and systems engineering teams to integrate safety mechanisms into system architectures.
- Support the development and implementation of functional safety concepts for advanced cognitive robotic platforms.
- Lead continuous improvement initiatives to optimize safety processes and ensure high-quality deliverables.
- Research, evaluate, and integrate Artificial Intelligence capabilities into humanoid robot safety frameworks to enhance compliance, reliability, and efficiency.

What we can look forward to

Must-have:

- Bachelor's or Master's degree in Electrical Engineering, Mechatronics, Robotics, Computer Science, or a related field.
- 2-3 years of direct experience in functional safety engineering, preferably within the robotics, automation, or automotive industries.
- Proven experience in managing Functional Safety activities for high ASIL-level projects (up to ASIL D).
- Expertise in safety standards, including ISO 26262, and experience in executing the complete Safety V cycle.
- Strong technical, leadership, planning, and organizational skills.
- Proficiency in English; basic knowledge of German (A1 level) is a plus.
- Ability to communicate complex ideas succinctly and persuasively to stakeholders.

Nice-to-have:

- Experience in integrating Artificial Intelligence into safety frameworks.
- Knowledge of humanoid robotics systems and their safety requirements.
- Demonstrated ability to lead multicultural teams and manage projects under tight deadlines.
- Strong adaptability, flexibility, and willingness to learn new concepts and technologies

What you can look forward to

- Become part of an agile company, actively shape topics and benefit from flat hierarchies in a highly motivated team
- Enjoy an attractive salary, flexible working hours and 25 days of vacation
- Collaboration on highly innovative humanoid robotics systems
- Excellent location in Zurich Seefeld
- New and state-of-the-art office space and workstations
- The freedom to contribute your own ideas and drive them forward
- Celebrate successes together with company events
- Take advantage of our corporate benefits program
- And even more fun with great colleagues

Apply

We are looking forward to meeting you and shaping the future of robotics together. Are you in?

Couldn't find a suitable position? Please send us an unsolicited application.

We are always looking for passionate tech enthusiasts to help us revolutionize the world of robotics!

