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

The Department of Artificial Intelligence is seeking a highly skilled AI Robotics Manipulation Engineer to join our AI team. The ideal candidate has strong expertise in robot-object manipulation, AI-driven grasp planning, motion planning, and robot kinematics, backed by solid software engineering skills in C++ and/or Python.

You will contribute to AI-based functions and manipulation capabilities across our entire robotics portfolio from the cognitive robotic arm MAiRA to the humanoid 4NE-1 and the service robot MiPA.

The responsibilities of this role include:

- Develop advanced algorithms for AI-based object manipulation, grasp generation, and motion planning.

- Implement low-latency, high-performance software components in C++ and Python.
- Transition robotic solutions from simulation environments to real robotic hardware, ensuring safety, robustness, and reliability.
- Optimize algorithms for real-time performance on embedded devices and high-performance computing platforms.

What we can look forward to

- Master’s or PhD in Robotics, Computer Science, Mechanical Engineering, or a related field.
- 3+ years of experience in robotic manipulation or robotic application development.
- Deep expertise in AI-driven motion planning and analytic or deep-learning–based grasp planning.
- Proficiency in C++ and/or Python with strong software design and engineering principles.
- Hands-on experience with ROS / ROS 2 and real robotic systems.
- Excellent debugging, analytical thinking, and problem-solving skills.
- Ability to work independently and collaboratively in a research-focused environment.

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 30 days of vacation
- 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!

NEURA ROBOTICS