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

Within the MiPA software team, you will have the opportunity to work on an ambitious mobile manipulator platform combining autonomous navigation with dual-arm manipulation, designed to assist in industrial environments, healthcare facilities and households.

As a senior manipulation engineer, your mission is to give MiPA the dexterity to interact physically with its environment, grasping everyday objects, operating doors and buttons, and handling delicate items safely alongside people.

- Develop robust grasping primitives for diverse objects and tasks (bottles, bags, doors, button pressing, handovers)
- Design full-body manipulation behaviors that leverage base mobility while maintaining stability and precision during contact tasks

- Implement and tune force-torque control strategies including impedance and admittance control for compliant, safe interaction
- Design and coordinate dual-arm manipulation behaviors for complex tasks
- Build and maintain manipulation simulation environments in NVIDIA ISAAC Sim integrated with ROS2
- Collaborate in a multidisciplinary, agile team to push the boundaries of robotics
- Actively contribute to the roadmap and future of intelligent robotic systems

What we can look forward to

- University degree in Robotics, Software Engineering, Control Systems, or equivalent
- 5+ years of professional experience in robotic manipulation or motion control
- Strong proficiency in Python and C++
- Strong proficiency with ROS2 and MoveIt2
- Solid understanding of robot kinematics, dynamics, and motion planning
- Experience with force-torque control (impedance/admittance control)
- Familiarity with NVIDIA ISAAC Sim or similar robotics simulators
- Excellent communication skills in English

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!