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 healthcare facilities, industrial environments, and households.

As a senior perception and computer vision engineer, your mission is to give MiPA the perception capabilities it needs to understand, and interact with the world in order to operate safely and effectively alongside people in real-world settings.

- Design and implement real-time object detection, segmentation, and 6-DoF pose estimation pipelines for manipulation and navigation tasks
- Optimize vision models for edge deployment on NVIDIA Jetson platforms

- Architect and maintain high-fidelity NVIDIA ISAAC Sim environments integrated with our ROS2 stack
- Build synthetic data generation pipelines
- 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, Computer vision, Software Engineering or equivalent
- 5+ years of professional experience in computer vision, deep learning, robotics perception
- Strong proficiency in Python and C++
- Professional experience with classic computer vision (non-AI approach) on a product grade Robotic platform
- Experience with deep learning frameworks (PyTorch, TensorFlow) and inference optimization (TensorRT, ONNX) ideally on Jetson platforms
- Experience with ROS and mobile robots
- Familiarity with NVIDIA ISAAC Sim
- 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!