



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

You'll join the AI/Perception team to enable our robots to see, understand and interact with dynamic, human-occupied environments. You'll be responsible for both designing deep-learning perception models and building the full sensor fusion and perception stack for humanoid and collaborative robots.

- Help us architect and build the full perception pipeline: from raw sensor input (cameras, LiDAR, IMU, force/torque, joint sensors) through sensor-fusion, object detection and tracking, 3D reconstruction, scene understanding, up to producing actionable world models and supplying necessary information to downstream modules (navigation, manipulation, interaction).
- Research the state-of-the-art in robot perception and deep learning and bring breaking results from academia to the real robot

- Design, train and finetune neural networks and deploy them both in the cloud and on embedded robotic hardware
- Implement real-time perception software in modern C++ and Python as needed; leveraging classical computer vision and GPU acceleration
- Use ROS2 and DDS frameworks for high data-throughput sensor pipelines, and validate modules both in simulation (e.g., Gazebo, Isaac Sim) and on real robot platforms, ensuring safety and robustness.
- Collaborate with hardware, control, planning and manipulation teams: define perception requirements, integrate sensor hardware, calibrate and optimize systems, develop diagnostics and performance tools, produce documentation and support CI/CD practices.

What we can look forward to

- Excellent Master's or PhD degree in computer science, robotics, or a related field
- 3+ years of relevant experience in building robust perception stacks for dynamic, human-centered environments
- Strong programming skills in Python or modern C++, experience with CUDA is a plus
- Practical experience with deep-learning frameworks (PyTorch, TensorFlow) applied to perception tasks in robotics; deployment on robotics hardware (e.g., NVIDIA Jetson) is a plus
- Solid background in computer vision and sensor fusion: 3D geometry, multi-view geometry, cameras/LiDAR/IMU fusion, point-cloud processing (PCL), and classical vision libraries (OpenCV)
- Excellent problem-solving skills and the ability to work independently and as part of a team
- Excellent English-language communication skills

What you can look forward to

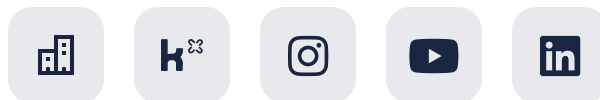
- Become part of an agile company, actively shape topics and benefit from flat hierarchies in a highly motivated team
- Enjoy an attractive salary, flexible working hours and 30 days of vacation
- The freedom to contribute your own ideas and drive them forward
- Celebrate successes together with company 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