



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

Ready to push the limits of what's technically possible? Together, we enter a new era of intelligent machines – with you as a driving force.

Your main tasks include:

- You will work closely with our foundation model experts and infrastructure team to design and train large-scale multi-modal models
- Pioneering work at the intersection of AI and robotics: You implement and optimize novel AI algorithms for large-scale training – focusing on foundation models that go beyond current Vision-Language-Action approaches.
- Multimodal physical AI: You explore how robots can perceive, reason, and act intelligently in complex, dynamic environments.

- Training at scale: You will collaborate with infrastructure engineers and partners to scale across hundreds of GPUs (utilizing DDP, FSDP, etc.) on cloud environments.
- Optimize: Conduct infrastructure monitoring on state-of-the-art compute architecture to optimize NEURA's resource utilization.

## What we can look forward to

- An excellent Master's or PhD in Computer Science, Informatics, Robotics, Physics, or a related field ideally field.
- A proven track record: Your projects show measurable impact.
- The desire to go beyond the state of the art – you don't just want to improve, you want to create something new.
- At least 3 years of experience in Deep Learning / Generative AI specifically using parallelized training on large-scale compute.
- Experience in large-scale pre-training or multi-modal modeling (vision and/or language).
- Strong programming skills in Python and C++.
- Expertise in frameworks such as TensorFlow and PyTorch.
- Familiarity with distributed training (DDP, FSDP) and large-batch optimization on cloud environments.
- Team spirit, initiative, and the ability and willingness to explore new paths.
- Excellent English skills; German is optional but welcome.

## What you can look forward to

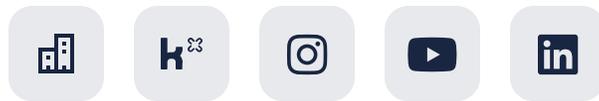
- Become part of an agile company, actively shape topics and benefit from flat hierarchies in a highly motivated team
- Enjoy an attractive salary, flexible working hours and 30 days of vacation
- The freedom to contribute your own ideas and drive them forward
- Celebrate successes together with company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