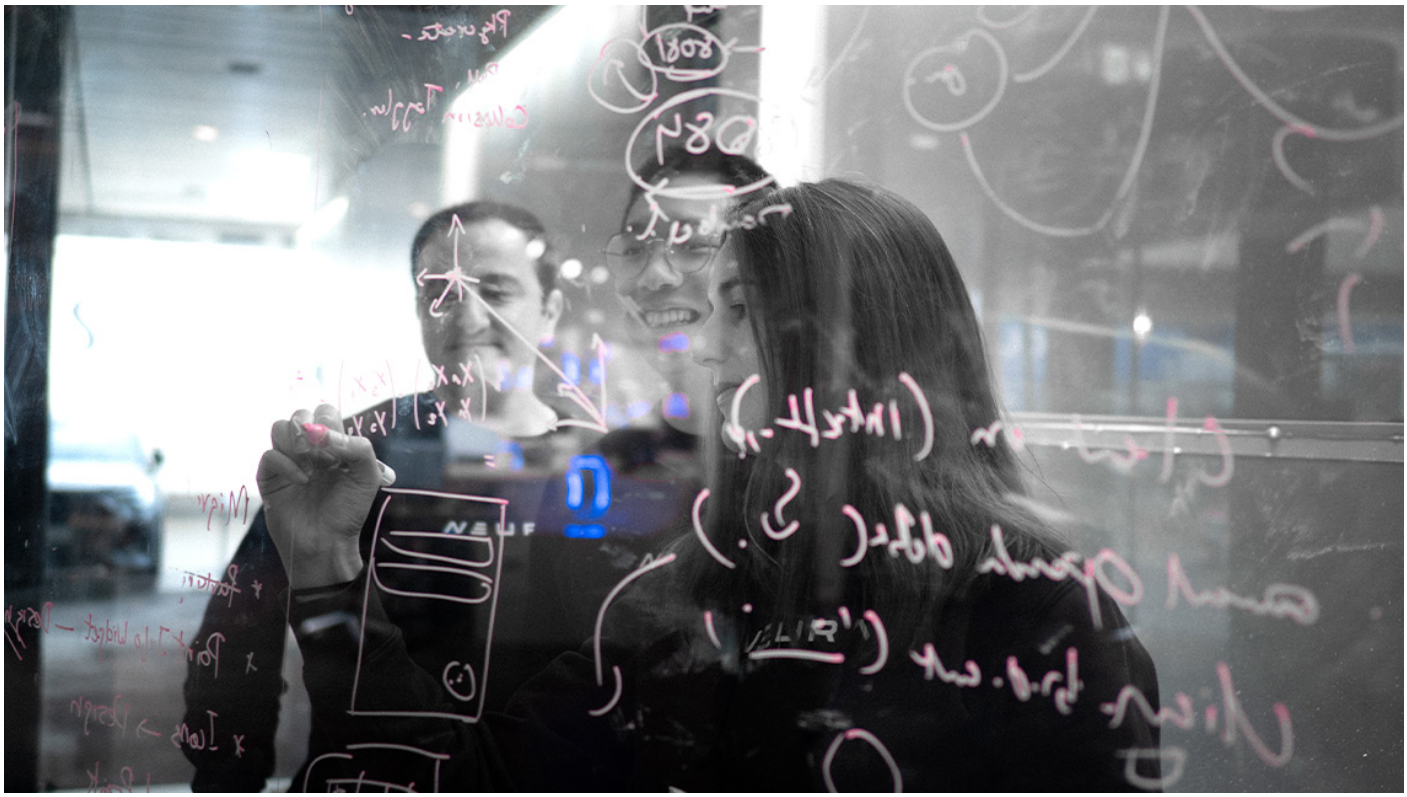

Welcome to **NEURA Robotics**, the innovator of the robotics world. Our goal is to equip collaborative robots with groundbreaking cognitive capabilities to enable safe and intuitive collaboration with humans. Under the leadership of founder David Reger, we have spent the first years of **NEURA Robotics** 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

Together, we are taking the step into a new era of cognitive robots:

- Advanced AI for humanoid robotics: Design, train, and deploy next-generation learning-based policies that enable humanoid robots to perform dexterous manipulation and coordinated whole-body behaviors in the real world.
- Foundation Models: Fine-tuning VLA policies with deep reinforcement learning to achieve highly dexterous, simulation-driven manipulation.
- End-to-end RL pipelines: Build complete reinforcement learning systems, from data generation and environment design to large-scale training, evaluation, and deployment on physical robots.
- State-of-the-art learning methods: Advance reinforcement learning, imitation learning, and sim-to-real transfer to enable scalable, reliable humanoid behavior.

- Benchmark-driven quality: Design and evaluate robotic policies using modern manipulation benchmarks such as CALVIN, RoboCasa, and related large-scale test suites.
- Deep hardware collaboration: Collaborate closely with hardware and control teams to seamlessly integrate your models into real robots.
- From simulation to real robots: Validate and iterate on algorithms through real-world experiments, closed-loop testing, and full sim-to-real deployment.

What we can look forward to

- An excellent Master's or PhD in Computer Science, Informatics, Robotics, Physics, or a related field
- A proven track record: Your projects, patents, and open-source or research contributions demonstrate 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.
- Strong foundation in deep reinforcement learning, imitation learning, and modern ML architectures
- Experience developing and fine-tuning multimodal/VLA models, including RL for embodied agents
- Proven ability to build scalable training and deployment pipelines for real-world robotic systems
- Expert programming skills in Python and C++, with PyTorch or JAX, focused on performance and rapid experimentation
- Hands-on experience with advanced physics simulators (Isaac, MuJoCo, Newton, etc.)
- Practical sim-to-real expertise, including system identification and robust domain transfer
- Direct experience with robotic hardware, multisensor systems, and manipulation tasks
- Ability to execute quickly, take ownership, and thrive in fast-paced environments
- Strong communication skills across research, engineering, hardware, and product teams
- Bonus strengths: knowledge of foundation models (flow/diffusion), differentiable simulators, top-tier publications, and open-source contributions

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