



At Pixel Robotics we work on a new generation of autonomous mobile robots (AMRs), such as our PIXEL PT. We use AI-based localization and navigation technologies together with innovative hardware designs.

To expand our team, we are looking for a

Robotics Intern (m/f/d)

Pixel Robotics is seeking skilled and motivated roboticists who are hands-on, technical, and passionate about making their robot dreams become reality.

You will contribute to various parts of our ROS2-based robot stack, from behavior and control to simulation, impacting how the robot operates in semi-structured, real-world environments.

Your responsibilities will be:

- Supporting engineers in developing and testing software and algorithms for mobile robot systems
- Assisting with optimizing code and conducting performance testing to improve efficiency and reduce computational resources
- Contributing to research efforts by exploring new algorithms and providing analysis of results
- Helping to improve the simulation-first development workflow by running simulations and providing feedback
- Participating in integration and testing of systems at customer sites
- Documentation and knowledge management responsibilities, such as organizing code repositories and creating technical reports or user manuals

This is your background:

- Hands-on experience with ROS / ROS2
- First experience with Python and/or C/C++
- Personal initiative, structured way of working and creativity
- Strong communication skills, willingness to take responsibility and focus on results
- You are a good team player and convince with your friendly and empathetic manner
- Education: Ongoing/completed studies in the field of Electrical Engineering, Computer Science, Mathematics, or related

Join a great environment:

- Start-up atmosphere in a fast-growing and rapidly evolving company
- Join a team of experts in the growing robotics and automation market
- A centrally located office next to the Olympic park
- Extras such as free drinks, fruits and a job ticket
- Flat hierarchies and room for growth

Our internships are on-site in Munich. They can take between 3 and 6 months.

We look forward to your online application including possible start date to: career@pixel-robotics.eu

