

Development Engineer/ Software Developer/ Mechatronics Engineer for autonomous agricultural robots (m/f/d)

At Ant Robotics we're helping to transform farming. For that we are developing autonomous robots for field work. Founded in 2021, we are focusing on building collaborative robots, which enables the farms to overcome new regulations and economical, ecological and social conditions. We are a young team, eager to use technology to leverage the people on the fields with practical solutions. As we are growing we are looking for new team members. Currently we are working on a autonomous transport robot within the strawberry harvest (www.antrobotics.de).

YOUR RESPONSIBILITIES:

- Support in the development of our SW components.
- Develop new / improve existing algorithms in the fields of perception/localization/ mapping/ control algorithms.
- Participation in software architecture decisions regarding autonomous robots.
- Test the implemented algorithms in simulation and on the farming robots.

REQUIREMENTS (not all have to check):

- Good working knowledge of object-oriented and generic programming with C++ and python.
- Experience with sensor data processing (e.g. 3D Lidar and stereo camera systems).
- Strong knowledge in at least one of the fields of control planning, localization/SLAM/ perception/ navigation.
- Strong knowledge of data structures and algorithms and familiarity with ROS and PCL.
- Knowledge of ROS/ROS2, Gazebo or simulation in general is a plus.
- A high degree of initiative, willingness to work and the ability to work in a team.

Wherever you are looking for an internship, a workstudent job or fulltime employment, feel free to contact us via jobs@antrobotics.de