Internship Robotics Software Engineer

At Ant Robotics, we are transforming the future of farming with innovative autonomous robots designed for field work. Founded in 2021, our mission is to create collaborative robots that help farms adapt to evolving regulations and changing economic, ecological, and social conditions. We are a dynamic and passionate team, dedicated to leveraging cutting-edge technology to provide practical solutions that empower people in the agricultural sector.

As we continue to grow, we are excited to expand our team with like-minded individuals who are eager to make a meaningful impact in the world of agriculture through technology.

POSITION OVERVIEW:

We are looking for a highly motivated intern to join our team and contribute to our projects in agricultural robotics. As an intern, you will have the opportunity to work on cutting-edge technology that enhances the automation of field tasks, supporting farms in achieving greater efficiency and sustainability. This role offers hands-on experience in robotics, machine learning, and sensor integration within real-world agricultural settings.

KEY RESPONSABILITIES:

- Support the implementation and optimization of neural network architectures to improve robot navigation performance.
- Analyze experimental results and help refine models for better accuracy and efficiency in diverse horticultural environments.
- Participate in data collection, analysis, and the implementation of machine learning models.
- Support the integration of sensors and other technologies to improve robot functionality.
- Collaborate with the team to solve practical challenges in agricultural automation.
- Design experiments to test new models and algorithms, and produce reports on findings, and integrate them with our robotics software stack

QUALIFICATIONS:

- Currently pursuing a M.Sc. degree in Robotics, Computer Science, Engineering, or a related field.
- Worked on deep learning projects and executing computer vision deep learning models
- Experience in Deep learning model optimization and deployment
- Experience with Python or C++ and relevant ML libraries (e.g., TensorFlow, PyTorch).
- Ability to work independently and as part of a team

HOW TO APPLY:

Interested candidates should send their resume and a brief cover letter expressing their interest in the role to jobs@antrobotics.de. Applications will be reviewed on a rolling basis.

Ant Robotics GmbH •Adolf-Wagner-Straße 16 • 21073 Hamburg
info@antrobotics.de •Tel: +49 (0) 4174 6099 888

Amtsgericht HH: HRB 167676 • USt-IdNr.: DE341108543
www.antrobotics.de

ANT ROBOTICS