



# Dahlia Robotics

## Robotic Software Engineer (m/w/d) at Dahlia Robotics GmbH

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Solve complex robotics problems and help the first generation of autonomous farming robots to succeed.

### About Dahlia Robotics

Dahlia Robotics' vision is to remove the need for herbicides in agriculture and make organic food production the standard.

To achieve this, we build farming robots which autonomously take care of tedious tasks like weeding. Our robots automatically recognize crops and weed on the field through computer vision and machine learning techniques and remove the weeds through mechanical tools.

We are a multidisciplinary team with backgrounds in computer science, electrical and mechanical engineering, geocology and UX design, heavily supported by local farmers.

### Job Description

As one of the first employees in our fast moving startup you will

- Work on complex robotic problems such as motion control, automated calibration, decision making under uncertainty and navigation/path planning
- Participate in all phases of the robot's development cycle
- Responsibility for features from idea to production

### Skills required

- Master (or comparable) in computer science, electrical engineering or a related field
- 2+ years of practical experience writing robust, production-ready, clearly-written, reusable, and well-tested code
- Advanced programming skills in Python or C++, strong background in object orientated programming
- Knowledge of standard software engineering practices like code reviews, version control, releases and unit testing
- Proficiency in English

### Beneficial

- Experience in ROS
- Background in Machine Learning
- Interest in hardware
- Interest in (organic) agriculture

### Contact

Please send your application via email to [jobs@dahliarobotics.com](mailto:jobs@dahliarobotics.com)