



Dahlia Robotics

Mechanical Engineer (m/w/d) at Dahlia Robotics GmbH

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 weeds 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 and UX design, heavily supported by local farmers.

Job Description

As one of the first employees in our fast moving startup you will design and overview the manufacturing of the mechanical side of our robots. You will be in charge of designing, testing and iterating on existing and new constructions as well as designing and optimizing for manufacturing the mechanical parts of our machines. Your work will include:

- Validating system performance through hands on testing and troubleshooting in close collaboration with software and electrical engineers
- Producing CAD models of your designs in Solidworks
- Prototyping your constructions in a workshop
- Testing the constructions in field deployments
- Overviewing the fabrication of the mechanical parts you designed

Skills required

- Master (or comparable) in mechanical engineering or a related field
- 2+ years of practical experience in industrial or automotive mechanical design
- Hands on experience troubleshooting mechanical issues
- Ability to create professional constructions, drawings and manufacturing instructions
- Exposure to different manufacturing methods of mechanical components
- Willingness to work on field deployments
- Proficiency in English

Beneficial

- Interest in software / electronics
- Education in Mechatronics
- Experience with automotive hardware design
- Interest in (organic) agriculture
- Driver's license (German class B or equivalent)
- Understanding of certification requirements (e.g. Produktsicherheitsgesetz)

Contact

Please send your application via email to mech-engi@dahliarobotics.com - By sending your application you confirm you have read, understood and agreed to the GDPR provisions described in <https://dahliarobotics.com/datenschutzerklärung/>