



## ROBOTICS MECHATRONICS INTERN

📅 As soon as possible

Internship

Stuttgart region

Robotics

Electric Drives

Mechanical Engineering

Electrical Engineering

Schematics

CAN bus

Ethernet

NetworksSafety

### FARMING REVOLUTION

Farming revolution GmbH is a company from Ludwigsburg in Germany. The goal is to provide farmers with a sustainable and economical alternative to current weed control solutions. The core competence of the young company is a robust AI-based plant detection and efficient electromechanical hoeing units. The Farming GT is Farming revolution's first product: an all-electric, four-wheel drive hoeing robot that safely and autonomously keeps farmers' fields free of weeds.

### TASKS AND RESPONSIBILITIES

- Develop schematics of electric wiring
- Prototype wiring and design wiring harnesses
- Test electrical solution on live robots
- Build test stands for integration tests, run tests indoors and outdoors
- Handle robots and support operations team

### REQUIRED QUALIFICATIONS

- Excellent theoretical and applied knowledge of Robotics: GNSS localization, odometry sensors, motor control, sensor fusion, safety PLC, analog and digital I/O
- Experience with battery power supply and power management
- Ability to work independently and communicate effectively a team
- Experience working with SolidWorks and SolidWorks Electrical or similar

Please apply online at [www.farming-revolution.com/de/careers](http://www.farming-revolution.com/de/careers).



Simplify sustainable agriculture and make it  
affordable for every farmer

