

Electronics/Mechatronics Engineer for autonomous agricultural robots (m/f/d)

At **Ant Robotics**, we are redefining the future of farming. Our mission is to develop autonomous robots that take over demanding fieldwork and help farms adapt to new economic, ecological, and social challenges.

Founded in 2021, we are a young and ambitious team dedicated to building collaborative robotic systems. By combining cutting-edge technology with practical solutions, we empower farmers to work more efficiently, sustainably, and with greater ease.

As we continue to grow, we are looking for a motivated Electronics/Mechatronics Engineer to strengthen our team and help shape the next generation of agricultural robotics.

Your Responsibilities

- Design and development of custom PCBs (preferably in Eagle or similar tools)
- Electrical integration of components into our autonomous robots
- Managing the electrical production process for prototypes and small series
- Leading and expanding the electrical engineering department
- Close collaboration with software and mechanical engineering teams

Your Profile (not all must be fulfilled)

- Strong experience in PCB design
- Background in embedded systems development
- Programming knowledge in C/C++ for hardware integration
- Experience with sensors, actuators, and motor controllers
- Understanding of power systems (batteries, charging, power distribution, safety)
- Familiarity with communication protocols
- Skilled in using measurement and test equipment (oscilloscope, multimeter, logic analyzer)
- Experience with rapid prototyping and small series production is a plus

Feel free to contact us via philipp@antrobotics.de