

## **Electrical Engineer (d/f/m)**

In times of increasing environmental awareness, agriculture is also looking for new innovative solutions. One of the key areas is weed control. With Paltech, we are determined to make a contribution by mechanically removing weeds with an autonomous robot, instead of using herbicides.

After successful validation of the individual components, we are currently working on their integration into one fully operational robot. Our Startup is located in Weihenstephan, Freising, and is supported by UnternehmerTUM and several renowned incubators and accelerators.

### **RESPONSIBILITIES**

The aim of this job is to support the robotics team in charge of automating our four-wheeled mobile robots as an electrical engineer in an agile environment.

Your tasks include:

- Development of drive train (drives, control, electronics).
- Selection and integration of sensors for safe navigation.
- Carry out proof of concept and validation tests for newly developed system components and functionalities to guarantee their robustness within the specified operational design domain (ODD).

### **QUALIFICATIONS**

- Background in electrical engineering, robotics or a similar field.
- Solid experience with microcontrollers, power electronics, sensors and electrical drives.
- Ideally familiarity with embedded systems, Linux and ROS 2 (Python / C++).
- Experience writing well-structured, testable, efficient, and maintainable code in a team.
- Proficiency in English and ideally in German.

### **WE OFFER**

- Fair market salary.
- Flat hierarchies.
- Chance to shape the future of modern agriculture and to contribute to a healthy planet.
- Own learning & development budget and our regular Tech Discovery for learning and discovering new technologies.
- Great freedom of design in the robot's development.
- Being part of a great team with numerous team events and a good working environment.

Apply by sending your CV and an informative letter of motivation to [jobs@paltech-robotics.eu](mailto:jobs@paltech-robotics.eu)