

## **Team Lead - Robotics (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 Weißenstephan, Freising, and is supported by UnternehmerTUM and several renowned incubators and accelerators.

### **RESPONSIBILITIES**

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

Your tasks will include:

- Conception, design, implementation and presentation of our robot's system architecture in tight cooperation with the computer vision, mechanics, and application development teams.
- Generation and maintenance of the automation technology road map, ensuring its reliable and efficient realization with your team.
- Design and carry out PoCs and validation tests for newly developed system components and functionalities to guarantee their robustness within the specified ODD.
- Participation in Paltech's regular steering meetings.
- Lead of a small team of developers and engineers.

### **QUALIFICATIONS**

- Ideally 3+ years experience with embedded robotics systems, Linux and ROS 2 (Python/C++).
- Excellent degree in robotics, computer science, electrical engineering, or related field.
- Experience writing well-structured, testable, efficient, and maintainable code in a team.
- Familiarity with microcontrollers, power electronics, sensors and electrical drives.
- Proficiency in English and ideally in German.

### **WE OFFER**

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

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