



Robotics start-up is looking for **reinforcements** enthusiastic about innovative, herbicide-free and **automated solutions for weed control** in grassland (full-time).

What we offer

- Fair market salary.
- Flat hierarchies.
- Chance to shape the future of modern agriculture and to contribute to a healthy planet.
- Great freedom of design in the robot's development.
- Being part of a great team with numerous team events and a good working environment.

Open positions

Electrical engineer (d/f/m) - Power distribution & PCB Design (p. 2)

Keywords: KiCAD, CAN, Sensors, Microcontrollers

Robotics engineer (d/f/m) - Power distribution & PCB Design (p. 3)

Keywords: ROS2, Python, C++, Nav2, PetaLinux/Yocto

Internship (d/f/m) – We offer several internships in the areas of mechanics, electronics and software development. Just send your CV to jobs@paltech.eu and we'll see if we have something fitting.

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 **can** include:

- Development of drive train (drives, control, electronics).
- Selection and integration of sensors for safe navigation.
- PCB Design (ranging from sensor integration to power electronics).
- 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, power electronics, electrical drives, microcontrollers and sensors.
- Considerable expertise with PCB design software (ideally KiCAD)
- Familiarity with common protocols such as SPI, I2C, UART and CAN.
- Proficiency in English, Spanish or ideally in German (at least one).

Tomás Diaz

Electronics
tomas.diaz@paltech.eu



Felix Schiegg

Co-Founder
felix.schiegg@paltech.eu



RESPONSIBILITIES

The aim of this job is to support the robotics team in charge of automating our four-wheeled mobile robots as a robotics software engineer or a full stack developer in an agile environment.

Your tasks **can** include:

- Localization and motion planning of mobile robots in 2D/3D environments.
- CAN Motor and sensor control, low level hardware access and ROS integration.
- Sensor fusion, task planning & app integration.
- 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

- 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.
- Proficiency in English, Spanish or ideally in German (at least one of those).

Lucas Alvarez

Navigation & Localization
lucas.alvarez@paltech.eu



Felix Schiegg

Co-Founder
felix.schiegg@paltech.eu

