



Job Title: Software Engineer - Robotics

Location: Lisbon, Portugal

Job Type: Full-time, Permanent

### **Company Overview:**

Fieldwork Robotics is a pioneering technology company that develops modular, multi-crop, soft, and adaptive robots designed to operate in non-controllable environments such as agricultural fields. Our innovative solutions focus on delivering advanced technologies to enhance efficiency and productivity in the agriculture sector. Join us in revolutionizing the future of farming with our groundbreaking robotics solutions.

The company has recently incorporated a subsidiary in Portugal, and will be establishing a Lisbon team to compliment the R&D HQ based in Cambridge.

### **Job Summary:**

We are seeking to employ a talented, enthusiastic and suitably qualified Software Engineer to work on an active project for the development of a new autonomous robotics platform for agriculture. You will be responsible for the development of the controlling, coordination and improvements of robotic arms.

This represents a fantastic opportunity for skilled professionals to join one of the most exciting brands in the robotics market. As a high growth company, roles do change and evolve, so you will be able to expand on your key duties within the role to help the team deliver their objectives.

The position is for a permanent contract.

### **Responsibilities include the following:**

- Assist in design, develop and test of software system for robotics applications
- Collaborate with robotics team to ensure quality at the end of the software lifecycle
- Test, debug and verify code before production
- Maintain and improving the continuous integration and deployment process
- Test Fieldwork Robots in agricultural environments such as polytunnel fields located in Odemira and Zambujeira region.
- Work with mechanical and electronic teams to ensure optimised integration with other system components and the manufacturing process
- Write documentation for requirements, test and programming instructions
- Work with external partners to help maintain a classification process reliably and repeatedly

Unit BB The Paddocks  
347 Cherry Hinton Road  
Cambridge  
CB1 8DH  
England  
+44 (1223) 210376  
[www.fieldworkrobotics.com](http://www.fieldworkrobotics.com)



- Work at all stages of the system development cycle from concept and requirements capture through to transfer to production.

### **Qualifications/Experience:**

The successful candidate will have most of the following:

- Degree or Master in software engineering, computer science or equivalent
- At least 3 years of industry experience as software developer involved in the deployment of C++14 code
- Familiarised with CI/CD, unit testing and QE (Quality Engineering) for productization
- Knowledge of version control tools such as git
- Knowledge of Linux
- Familiarised with documentation and maintenance of source code tools such as Doxygen
- Some experience with Python development
- Experience in some or all of the following is beneficial: ROS/ROS2 familiarised with design processes and methodologies such as UML, microcontroller programming embedded devices for robotics such as NVIDIA Xavier/Jetson
- Good team working ethic but able to work on own initiative with minimum supervision.
- Good working knowledge of MS-Office tools.

### **Benefits:**

- Competitive salary and benefits package.
- Opportunity to work with a pioneering technology company.
- Career growth prospects within a dynamic and innovative industry.
- Flexible working hours and a collaborative work environment.
- Profit sharing/share options.
- On-site parking.
- Company events & social hours.
- Casual dress.

### **Application Process:**

Interested candidates are invited to submit their resume and a cover letter detailing their relevant experience and why they are interested in this role. Please include your current position, notice period, and salary requirements.

Fieldwork Robotics is an equal opportunity employer. We celebrate diversity and are committed to creating an inclusive environment for all employees.

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