

Robotics Production Engineer

Reporting To: Robot Manager

Term: ASAP, permanent, full time preferred.

Package: Dependant on experience.

Location: London (Wandsworth) with travel across the UK expected (accommodation and expenses paid).

The role:

Q-Bot is a high tech, high growth, international start-up, developing robotics and intelligent systems that are revolutionising the built environment whilst creating a positive social impact. We are looking for a Production Engineer to join the Robots team to design, build and support a growing fleet of robots. This position offers a great deal of variety, lots of hands on experience as well as the opportunity to work with customers.

This role would suit a passionate individual who is enthusiastic to learn everything there is to know about Q-Bot's robots and services. You should be confident, self-motivated, a keen team-player, have empathy for others, and enjoy a challenge. Your main responsibilities will be:

- build, service and maintain the company's robots;
- provide training and support, building relationships and trust with customers; and
- feedback suggest improvements for future designs.

Your goal will be to ensure that the robots are robust, reliable and ready for action at all times, whilst making sure that customers enjoy a friendly and committed service.

Duties of the job:

- Assembly and testing of robot modules, including electrical wiring and mechanical assembly.
- Assist with the build, testing and commissioning of the control systems.
- Debugging, testing and commissioning of the software systems.
- Assist in the service, maintenance and repair of the company's robots
- Put the robots through their paces in test environments and at live sites.
- Train and support customers on-site and remotely whenever necessary.
- Feedback design improvements to the project development team

Essential requirements:

- A degree in Electronic and or Mechanical Engineering or any other relevant discipline.
- Q-Bot will also consider candidates who have equivalent experience in the manufacturing industry.
- Must be eligible to work in the UK without restriction.

Desirable skills:

- Experience working in a production environment with excellent quality control standards.
- Experience in a mechanical workshop environment (mills, lathes, etc).
- Ability to interpret electrical or mechanical technical drawings.
- Knowledge of software development, testing and control systems would be advantageous.

About Q-Bot:

Q-Bot is revolutionising the construction industry with robotics, digital tools and AI to transform archaic processes and enable new services for the inspection maintenance and upgrade of buildings. Q-Bot’s mission is to be able to measure and improve the health of buildings without the cost and disruption of traditional methods.

The company has commercialised a highly innovative method of applying under floor insulation using a [robotic device](#) and has a number of new services in development. As a result of this work Q-Bot has developed a number of exciting robotic and AI technologies which include robotic vehicles, digital manufacturing and 3D printing, control routines for autonomous localisation and navigation, 3D mapping of environments with automatic categorisation of features, as well as tools to manage the installation process and data collected.

The company has a growing team of 30 employees in offices in London and Newcastle. Q-Bot has state of the art equipment, including an in-house pick and place machine and 3-axis CNC milling machine. Q-Bot is run by an experienced management team with an entrepreneurial track record, project management expertise and unique blend of robotics and building know how. The company’s employees are a unique blend of engineers with Masters and PhDs in Science or Engineering and professionals with decades of practical experience in the construction sector.

Q-Bot is an equal opportunities employer and welcome applications from all suitably qualified persons regardless of their race, sex, disability, religion, belief, sexual orientation, or age.

Please apply to: future@q-bot.co with a covering letter and CV.

