



Production and Mechanical Lead

Spotta is a VC backed, fast-growing startup in Cambridge, UK. We are commercialising our proprietary IoT hardware and software to solve the \$440Bn problem of insect pests.

Our mission is to be the world's leading provider of technology, data and insights to drive more sustainable insect management. Our scalable, platform technology enables huge increases in productivity in agriculture, forestry and accommodation.

We design and deploy our own electromechanical hardware into the field to extract this data. Our Pods need to withstand severe environmental conditions and operate in the field, unsupervised, for long periods of time.

We are looking for a mechanical or manufacturing engineer with experience of the product life cycle from design to manufacture to take a leading role in developing our products and in managing our production lines.

The role would be ideal for someone who has been through the mill of developing and launching products before and now wants to take the next step in their career in taking responsibility for leading that process in an exciting team.

Your role will grow into taking ownership of a significant part of Spotta's expenditure and growing a team under you both to deliver production at scale, and to develop new products and technologies as we expand into new markets.

Qualifications

A 2:1 or higher degree in a mechanical or manufacturing engineering (or a closely related discipline)

Role description

You will take ownership of manufacturing and production, as well as responsibility for product development, working closely with our electronics, firmware and entomology teams.

You will:

- Design and streamline production of Spotta's products
- Ensure timely manufacture and the quality of the products we ship
- Work with Far East manufacturers to get products made as we grow from 1,000s to 10,000s to 100,000s of units.
- Generate concepts and design new technology for Spotta's smart monitors
- Supervise and contribute to mechanical design work
- Manage R&D projects and planning field trials
- Line manage and mentor more junior team members

We are a fast growing start-up with a close knit team so you should also expect to participate in a wide variety of areas such as international fieldwork, customer contact, speaking with investors, preparing patent applications.



There is huge scope for the right candidate to take on increasing responsibility as Spotta continues to grow (we've doubled in size every year for 3 years!)

Attitude and culture

- Ambitious team player who is excited about Spotta's vision
- Authentic and trustworthy colleague
- Opportunity seeker who is motivated by startup life and willing to solve the challenges that emerge
- A strong interest in production
- "Roll up your sleeves and get stuck in" attitude
- Self sufficient and able to pick up new skills on the job
- High expectations for the quality of their own and colleagues' work

Skills

- Good understanding of a wide range of production processes
- Production line set-up and management
- Planning and Project management
- Mechanical design
 - Mechanisms and materials
 - Electromechanical systems
 - Design for injection moulding
 - Design for high volume production
 - DfMA
 - SolidWorks or similar CAD package
- Comfortable with detailed, numerical analysis
- Creative problem solving
- Team management
- Ability to communicate effectively with technical and non-technical people

We understand you may not have all the skills listed above and we will judge each application on its merits.

Applicants

To apply, send your CV and a brief covering letter to careers@spotta.co