Electronics Design Engineer - Guildford

We created Inovo Robotics to make capable, versatile, robotics accessible to the industry sectors that have been left behind. We address the problems growing businesses have competing with corporates who mass produce their products, allowing smaller businesses to automate repetitive, dull and hazardous tasks so they can be more productive and compete with overseas suppliers.

We truly believe there is a better way of doing things and want to free our users from the monotony of the repetitive tasks they spend too much time doing so they can focus them on more valuable and rewarding work. We believe in putting our users in control by providing intuitive, easy to use interfaces is key, allowing them to configuring our robots for their specific tasks as easily as possible. We are passionate in our belief that humans and robots can work together in a more productive world!

We are seeking an experienced Electronics Design Engineer with a passion and craft for designing low voltage control and sensing systems. This will be a greenfield build an opportunity to work on such projects a development of a range of sensory feedback and low-level BLDC motor control systems as well as crafting a bespoke fully functional robotic arm from design to production to market.

We are looking for people who are passionate about engineering and excited about working in a fast-paced environment, the desire to take ownership for parts of the system and see it develop into a production product is highly valued.

The Team

This is an exciting opportunity to join a small cross functional team of highly skilled, passionate engineers on a brand new greenfield project building an advanced electro-mechanical product from the ground up. This will give you the opportunity to have a real impact on our core product from day one you will be playing a huge part in the success of Inovo.

What we would like to see on your CV

- Schematic design and PCB layout - typically 4-layer boards
- Part specifying and sourcing.
- EMC, emissions and immunity knowledge
- Medium power BLDC motor control power stages up to 500W
- Communications interfaces CAN / RS485 / Ethernet
- Analogue current sensing and instrument amplifiers design experience
- Safety system experience desirable
- Embedded software C programming experience desirable but not essential

Non-technical Attributes that we like

You will be self-motivated, passionate and creative with the ability to translate non-technical objectives into design requirements, we seek someone with the ability to approach their work in a methodical way with analytical questioning. Whilst having all of the above is great it is important that you have the ability to thrive within an early stages start-up environment.

Benefits (apart from working for an exciting early stages start up)

- Competitive salary
- Share option Scheme
- 25 Days holiday
- Flexible working

So what next? If we have your attention take a look over our careers page using the following link

https://inovorobotics.com/careers/