

**Graduate Project Engineer – Electromechanical, Cambridge, c£28K**

Due to continued organic growth, a successful manufacturer is seeking a Graduate Project Engineer to join their successful focused team of engineers, who provide bespoke automation products.

Reporting to the Managing Director, this is a complete “full life cycle” operation where you will be responsible for seeing the project from the initial enquiry, specification, planning, design, testing, coding, prototyping and introduction into both production and the market.

You'll have the ability to research, analyse and plan methodically with attention to detail with an understanding of specification of new project design would be an advantage however this is not essential.

You will have a disciplined 'hands on' approach with a degree in Engineering or similar discipline, with a design portfolio of design projects involving mechanical and controls examples from study or work experience.

**Key responsibilities include:**

- To assist in the specification of new products working with marketing, sales, service, customers and manufacturing to capture the requirements.
- Plan and implement the development cycle for new products
- To ensure that designs meet all requirements specified and that they are compatible with established engineering standards and other legislation.
- To produce 3D CAD models (Solid Works), detailed drawings and assembly drawings. To follow 'Design for manufacture' best practice and ensure that designs can be economically manufactured either in-house or by sub-contractors
- Developing, testing and evaluating theoretical designs
- To liaise with external suppliers, colleagues in the company and customers to ensure successful implementation of new designs
- Draft user documentation including manuals
- Complete QA internal audits
- To participate in other projects or carry out specific tasks that may be assigned by the Managing Director from time to time

This is a fantastic opportunity for someone who is passionate about engineering and enjoys solving problems.

Benefits package that includes flexible working hours, Pension and Life Assurance.