

Junior Electronics Engineer (Digital)

About the role:

Blighter Surveillance Systems is looking for a Junior Electronics Engineer to play a key role in the design, development and test of new radar products from board level circuit design to validation and test. The role predominantly involves digital and microprocessor system design and requires the ability to create test software. Some analogue hardware design and occasionally RF design will also be involved. Complete products are validated in the laboratory to ensure successful field operation.

The engineering team at Blighter is small and flexible. We are looking for someone capable of working on their own initiative but who can also collaborate and communicate effectively with other engineers and end users. Training and mentoring by senior engineers will be provided to help the individual develop their skills.

You will have:

- A good degree in electronics or physics.
- Digital and microprocessor design skills at board level.
- Low level software design skills.
- Analog design skills at board level.
- Experience of laboratory test equipment and measurement techniques.
- Good oral and written communication skills.
- Ability to work effectively within a team.
- A logical approach to problem solving.

In addition, the following would be advantageous:

- Some experience of VHDL.
- Some experience in, or interest of, RF circuit and system design.
- Some experience of test automation.
- Proficiency in a programming language such as Python.
- Radar or Wireless Communication system knowledge.

Candidates should have a minimum of one or two years of industrial experience so applications from recent graduates from a sandwich course would be welcomed. There may be occasional opportunities for overseas travel in support of our products.

About Blighter:

Blighter Surveillance Systems designs and sells radar systems that are used for detecting people, drones and vehicles along country borders and site perimeters. The radars use advanced electronic scanning and patented technology to achieve market leading performance and reliability. We are located 10 miles south of Cambridge in the semi-rural village of Great Chesterford, with ample parking, a direct train link to Cambridge and easy access to the M11. For more information see www.blighter.com.

Please send your CV to recruit@blighter.com