

Job Specification: System Design / Hardware Development / Hardware Integration / Build and Test

Job brief

We are looking for a talented engineer/ technician with a proven track record in taking ideas or concepts and turning them into tangible products. The role includes every aspect of design engineering, through prototyping, to initial manufacture and delivery.

All aspects of design and manufacture are covered from documentation, drawings and procurement to assembly, testing and training.

The focus is on radio frequency engineering using Software Defined Radios and associated periphery (antenna, cables, test equipment, etc)

Knowledge of computer architecture and operating system languages (specifically Linux) will be required as well as the ability to write small programs in python or using programs such as Octave.

Working as part of a small integrated team, the ability to work independently and with minimal supervision.

Responsibilities

Carry out tasks as determined by the current program plan.

As part of the team, or independently, carry out work to a high standard with appropriate documentation.

Comply with local and industry standards.

Requirements

Proven work experience as a hardware engineer/technician.

Experience designing, developing, testing and delivering electronic and/or mechanical products.

Experience working with radio frequency equipment and test equipment.

Knowledge of software tools relating to mathematical and analysis functions.

Ability to document requirements and specifications.

Very computer literate.