

Graduate Control Systems Engineer

As part of our growth plan, we have a new opportunity for a Graduate Systems Control Engineer to join our innovative energy storage company.

The role will be based in Livingston, and will require limited travel to our Wokingham office, manufacturing sites and customer sites. This is a permanent full-time opportunity.

Applicants are required to hold the relevant Visas/Work Permits.

redT energy has the feel of a start-up but a unique perspective in the market as a public company with over 10 years at the forefront of technology research. We operate across the UK, Europe, Africa, USA and Australia.

About the role

An excellent opportunity is available for Graduate Control Systems Engineers within our software team. They will report directly to the Software Lead and will be mentored by two more experienced Control Systems Engineers.

For the first three months you will be supported and trained while shadowing our more experienced Systems Control Engineers and trained on our software and hardware. Training will be complemented by hardware manufacturer. You will help us progress our energy storage technology in our fun and fast-paced environment to deliver a range of projects, including (but not limited to) the below:

- Support the existing equipment base
- Implement new control strategies for the latest and future generations of the redT product range
- Develop new features for our flow machine's PLCs
- Develop new test harnesses for our PLC software
- Review customer control schemes and specifications and modify redT software and hardware to suit
- Work with the full software lifecycle from: requirements capture; to implementation; to maintenance

Qualifications and Experience

Essential

- Bachelor's Degree in Electrical, Electronic or Control Systems engineering or similar
- Problem solving
- Programming experience

Desirable:

- Awareness of the characteristics of a variety of different communication protocols (RS485, CANBus, Modbus RTU etc)
- Awareness with whole lifecycle of system development from requirements capture to execution
- Knowledge of Power Engineering, signals processing, control system
- PLC or micro-controller experience
- Understanding of networking

Remuneration

- Competitive package and comprehensive benefits scheme