

At Ceres Power we are revolutionising the production of quiet, efficient and environmentally friendly sources of power. A leading AIM-listed fuel cell company, we are successfully developing alternative energy products for a growing range of mass markets.

Job Description

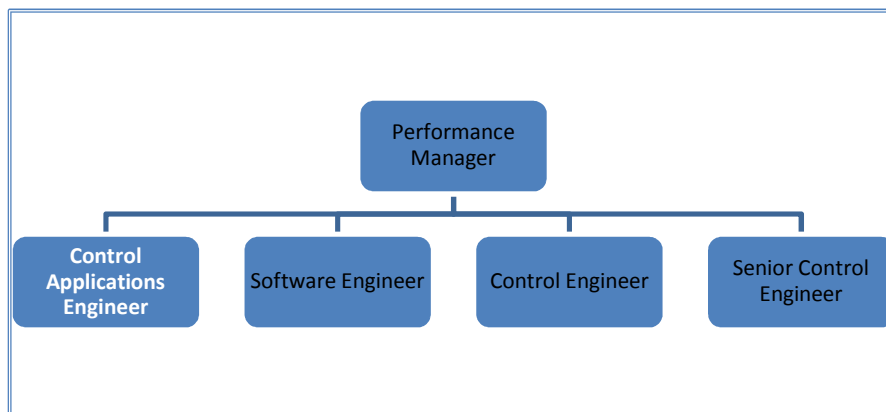
Job Title: Control Applications Engineer

Reports to: Performance Manager

Direct reports: None

Budgetary Responsibility: None

Organogram:



Purpose of the Job

To support the interactions between the Software Team and the wider Product Engineering function through software calibration, technical support to the test team, requirements capture, and software documentation.

Key Accountabilities

- Being the primary Software Team Interface to the Product Engineering Team
- Ensuring high quality and appropriately detailed requirements capture process is performed
- Delivering technical support for embedded software to the Product Engineering Team
- Ensuring appropriate software documentation is created
- Supporting Controller Feature Calibration, e.g. PID tuning, Diagnostics calibration
- Developing high quality software release processes into a high volume manufacturing environment

Key Results Areas – to do

- Generation of formal requirements capture documents to allow development and testing of software features
- Creation of User Documentation for the Software
- Capture Installation and Service requirements from our Installation Partner
- Review implemented strategies for readability
- Assist in development of product diagnostics

Internal & External Relationships

- Work closely with the rest of the software team and the control & electronics group as a whole
- Regular contact with system engineers to determine control strategy requirements
- Regular contact with the product test team to provide technical support, capture new feature requests and bug fixes.

Candidate Profile

You will have exceptional attention to detail skills and with a proven ability of conceptualizing innovative ideas from a practical viewpoint. You will have strong technical documentation skills and a good understanding of physical systems. Your understanding of control strategies development and the Matlab/Simulink toolchain will lead you to become the main external contact point for the software team.

Knowledge, Skills and Experience

Required experience/qualifications:

- At least Degree Qualified in a relevant discipline (e.g. Engineering Science, Electronics, Mechanical Engineering etc)
- At least 4 years of relevant industrial experience

Required skills:

- Basic classical control design techniques
- An understanding of programming in a high level language (e.g. Matlab/Simulink, VisualBasic, C/C++) and the associated software life cycle
- An understanding of physical systems (at least one of thermal, fluids, electrical)

Desirable:

- Sensors, actuators and instrumentation
- Understanding of basic electronics

Remuneration

The ideal candidate will receive a competitive salary, together with a benefits package including excellent contributory pension, cycle to work scheme, life insurance, childcare voucher and share save scheme.

To apply

Please send a full CV detailing relevant experience together with details of current remuneration package to: recruitment@cerespower.com or Ceres Power Ltd, Unit 18 Denvale Trade Park, Haslett Avenue East, Crawley, West Sussex, RH10 1SS www.cerespower.com