



## Honda Racing Development UK Ltd

### PERMANENT VACANCY

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JOB TITLE: Control Systems Engineer  
REPORTING TO: System Engineering Group Leader  
DEPARTMENT: ERS Development Department - System Engineering Group

APPLY TO: [hondaracingjobs@uk.hrdeu.com](mailto:hondaracingjobs@uk.hrdeu.com)

#### ROLE:

The purpose of the role is to develop on board control software for the ESS battery and other systems supporting Honda's Formula 1 programme in order to ensure that performance and reliability targets are met. This role is accountable for all aspects of ESS software from initial concept, simulation study and architecture to software development and verification including all the necessary tools, equipment and process.

#### MAIN RESPONSIBILITIES:

- ESS embedded software development
- Supporting software development for test equipment and experiments
- Test and validation software process
- Documentation and software releasing
- Fault diagnosis and factory-based support of trackside activities
- Tools for supporting simulation, trackside, and test activities

#### KNOWLEDGE, SKILLS AND EXPERIENCE REQUIRED:

- Experience in the application of best practice software process and tools
- Experience in using MATLAB, Simulink, and Stateflow for embedded code generation
- Experience in C/C++ embedded programming
- Experience in Motor control is preferable
- Understanding of embedded architectures and communication protocols
- Understanding of simple software development toolchain

#### PERSONAL COMPETENCIES:

- Effective problem solving skill in a fast paced environment with high level of attention to detail
- Team player who respects and can deal with different culture working approach
- High level of personal resilience in order to deal with tight deadlines and rapidly changing priorities
- Have a good organisation skill in order to deliver tasks within short deadlines ■ Excellent communication and technical skills
- Self-motivated and proactive
- Enjoy cross cultural working environment

All employees must ensure compliance with the Company Health and Safety Policy, and all relevant other statutory Health and Safety legislation.

The role may involve travel both in the UK and overseas.

This job description may not detail some less major duties allocated to the post holder, nor cover duties of a similar nature, commensurate with the role, which may from time to time be reasonably required by the relevant manager.

