



## **Current Vacancies:**

### **Senior Controls Engineer**

**A vacancy has arisen for Senior Controls Engineer in the Mechatronics & Controls Department.**

AP Racing is a global business that delivers high performance braking and clutch solutions for customers in motorsport and automotive sectors.

Our heritage in motorsport sport is unrivalled driven by a passion for innovation and performance. As a result of our ongoing success and leading product development capabilities, we are looking for Senior Controls Engineer to join our AP Racing Family.

The successful candidate must be a motivated individual who shares our drive and will continue to contribute to our growth and expansion into mechatronics. In return, we offer our colleagues the support to deliver to the best of their abilities.

AP Racing is proud to be an equal opportunities employer and is committed to ensuring no less favourable treatment is experienced by any employee or prospective employee.

#### **Key Activities:**

- Responsible for delivering AP Racing's future mechatronic product portfolio alongside business development function,
- Develop working partnerships with key suppliers and customers aligned to the product strategy.
- Responsible for the definition of system requirements with relevant stakeholders.
- Design, development and delivery of controllers destined for on vehicle application.
- Problem solving within a small dynamic goal orientated team.
- Develop plant simulation and conduct SIL and HIL testing.
- Verification and validation of SW component against requirements.
- Ability to work cross-functionally to deliver software components as required.
- Support other teams and functions as required by the business.

#### **Competencies and Skills Required:**

Degree background required, MEng or PhD preferred. Mechanical, Control Engineering or related discipline. 3+ Years' Direct Experience within motorsport, automotive or other relevant industry, specifically vehicle control systems.

- Good communicator and proficient directly interfacing with customers.
- Experience of using Simulink and Stateflow to deploy code to hardware for real-time control applications.
- Experience with embedded coder for C code generation.
- Strong competency coding in C/C++.
- Familiarity with MiL, SiL, Hil testing techniques for unit & system test.
- Experience using vector tools such as CANape, CANalyzer.
- Understanding of v model workflow, Aspice and ISO26262 functional safety standard.
- Experience of working with real-time hardware interfaces (e.g. dSpace).
- Flexibility to take on tasks outside of comfort zone – quick learner in a fast-paced work environment.

As AP Racing is an international brand, you will be expected to go out and meet new prospects within UK, EU and worldwide – You therefore must be comfortable with regularly meeting and working with new contacts.

Please apply by e-mailing an up to date CV to Megan Hurley, [megan.hurley@apraciing.co.uk](mailto:megan.hurley@apraciing.co.uk)  
HR Assistant.