



Are you looking for a role that will challenge your technical skills? Do you want to work for an organisation that is truly at the cutting edge of innovation?

The Advanced Digital Institute (ADI) is a leading Yorkshire-based innovation and R&D resource for technology businesses. ADI stimulates commercial research and business innovation through direct, hands-on collaborative engagement, adding value by providing advanced research and development support for new technologies. A team of expert researchers, technologists and engineers, we work in a range of fields including energy management, telehealth and telecare, wireless systems and networks and consumer electronics.

The Roles

We are currently recruiting for:

Senior R&D Engineer - Hardware

Senior R&D Engineer - Software

For both roles you will need to show that you are an expert engineer with extensive practical industry experience and a degree in the relevant discipline. You will be able to show excellent problem solving and planning skills, and demonstrate how you are motivated by desire to achieve. In return, you will find the ADI to be an exciting and stimulating place to work, where you can make a tangible intellectual, social and economic impact.

Salary is negotiable depending on skills and experience, likely to be in the range £35k to £45K.

Senior R&D Engineer – Hardware [SR11D]

You will have extensive experience of electronic hardware design, primarily in high speed microprocessor and programmable logic based systems acquired in the wireless, datacoms and consumer electronics domain. You will demonstrate a proven track record of leading challenging hardware designs to a successful conclusion.

You will use your hardware design skills on a wide range of cross-disciplinary projects, aided by your complementary experience of embedded software design, knowledge of an HDL programming language, and understanding of the principles of RF systems. You will also be able to demonstrate your experience in hands-on debugging of complex high speed embedded system using appropriate tools.

Strong communication skills coupled with an ability to work effectively with members of the software development team, PCB layout engineers, CEMs, third-party test labs, customers and suppliers are essential for this role.



Senior R&D Engineer – Software [SR14D]

You will have extensive experience of complex embedded software development, preferably in the wireless, datacoms and consumer electronics domain.

You will analyse software requirements, write specifications, contribute to project plans, design software modules and develop high quality maintainable code, helping the team to ensure delivery to strict commercial schedules. Participate in research, feasibility studies, peer reviews and project meetings.

You will demonstrate your excellence in C and C++ programming and structured approach to software development. Familiarity with embedded operating systems such as Linux and WinCE, and extensive experience of driver development will help you contribute to a wide range of projects.

Strong communication skills coupled with an ability to work efficiently with other members of the ADI team, key customers and suppliers are essential for this role.

Our recently refurbished modern facility is located next to the world heritage site of Saltaire in the Aire valley. We are easily accessible from Leeds and Bradford and nearby is the Yorkshire Dales National Park an area of outstanding beauty with many outdoor recreation opportunities.

To apply, please email your CV with a covering letter explaining how your skills match the requirement and quoting the appropriate reference of the role you are applying for to careers@adi-uk.com. Further information about the Advanced Digital Institute can be found at www.adi-uk.com.

Please note that we do not consider applications from employment agencies and recruitment consultants.