



Superdielectrics Limited

- Position :** Electronics Engineer
- Sector :** Science for the renewable energy / energy storage sector
- Location :** Chesterford Research Park, CB10
- Salary :** Negotiable but likely to be in the £28,000-£37,000 bracket and will be very much dependant on ability and experience

Superdielectrics Limited set out in 2013 to develop biocompatible, electrically conducting hydrophilic polymers which had the potential to be used in Bioelectronics. During their research and development programme, they noted that their materials exhibited very unusual electrical properties. Following independent research by the Bristol University Electrochemistry group, it was found that when tested in devices with simple carbon electrodes, the devices were characterised by geometrical capacitances three or four orders of magnitude larger than the geometrical capacitances of carbon electrodes in conventional electrolyte solutions. It was determined that these outstanding electrochemical properties could be exploited in the development of high energy density supercapacitors.

Their goal now is to develop high energy density, low cost, low environmental impact electrical energy storage devices that will help create a clean and sustainable global energy and transportation system.

As part of their continued development, they now have an opportunity for someone to join their team in the position of

Electronics Engineer

This exciting position will see you working at the cutting edge of technology. You will be primarily supporting in the design and implementation of solutions required in the application of novel Superdielectrics technologies to existing commercial systems. This will include designing any circuitry that may be needed to improve the performance of SD supercapacitors and improve their compatibility for implementation in appropriate devices. You'd then work to build prototypes to test those designs to identify where improvements can be made, before eventually developing a commercial grade product.

About You:

- Electronics degree essential
- Growth mindset
- Eagerness for development of novel concepts
- Interest and ability in analogue circuit design
- Ability to work well in a small team – strong communicative skills
- Any interest in renewable energy or energy storage is beneficial as this will ultimately be where the application of the science will be used



Candidates **must** have the right to live and work in the UK. We are not able to offer sponsorship for this vacancy.

What is on offer :

- Basic salary from £28,000-£37,000 (negotiable according to ability and experience)
- Holidays 25 days plus statutory holidays
- Pension Plan
- The Company intends to set up an 'in service' share option scheme subject to HMRC approval.
- Group life assurance policy
- The chance to be part of something truly special

To discuss this role in more detail, please contact our recruitment partner Chris Carter at Nicholas Associates Group in Sheffield.

0114 384 0100

Chris.carter@nicholasassociates.co.uk