



**TECHNICAL ASSISTANT, STRATEGIC INNOVATIONS GROUP
6 MONTH STUDENT PLACEMENT
CTO OFFICE
GODMANCHESTER**

We currently have a requirement for a temporary Technical Assistant, Strategic Innovations Group to assist in the development of organic thin film transistor devices (oTFTs). Currently, we are engaged in the development of oTFT architectures that provide high performance at low cost. This 6 month student placement position will investigate the use on novel source and drain metallisation and interface treatments to create low resistance contacts between source and drain regions and the organic semiconductor.

In this role, you will fabricate and oTFTs using appropriate techniques and thin film characterisation techniques, where appropriate. You will characterise the properties of materials and devices including electrical test and will, in conjunction with the Scientists, develop novel measurement techniques and systems. With responsibility to keep records up to date with new information, you will provide concise reporting of results, both written and verbally. In this role, you will maintain supplies of consumables and ensure the laboratory areas used by the team are kept clean and remain an efficient working environment for all. In addition, you will work safely in accordance with CDT's health and safety policy and procedures to maintain a well-functioning laboratory.

This position would be ideal for someone looking for a placement as part of their degree in Physics, Physical Chemistry, Engineering, Material Science or a related subject. Experience in the fields of polymer or molecular electronics would be advantageous. You must be enthusiastic, inventive and have an aptitude for experimental work. With the ability to main confidentiality of highly sensitive data, you will understand the value of Intellectual Property (IP) and be able to manage IP appropriately. You must have a strong eye for detail, excellent organisational skills and the flexibility to change priorities at short notice and work to tight deadlines. With excellent interpersonal skills you should also be a strong team player and be able to operate successfully in a multi-disciplinary/cross-functional team.

This is an outstanding opportunity to be part of a dynamic environment where your contribution will earn full recognition and reward. CDT offers a competitive salary and benefits package including 27 days holiday, private health and dental care, life assurance and pension scheme. Please apply with full CV to: The Human Resources Department, CDT Ltd, Building 2020, Cambourne Business Park, Cambridgeshire CB23 6DW. E-mail: careers@cdtltd.co.uk. Please quote the reference 'Technical Assistant, Strategic Innovations Group' in the subject heading.

A full job description is available on request.

www.cdtltd.co.uk