

Company Description

CIDETEC is a Technology Centre that brings together three leading international centres in the fields of Energy Storage, Surface Engineering and Nanomedicine. For more than 25 years, we have been working with leading companies to develop technology that makes the world a better place.

Information

📅 Deadline: 2024-05-15
🏢 Category: Business
📍 Province: Gipuzkoa

🌍 Country: Basque Country
🏙️ City: San Sebastián

Company

CIDETEC

cidetec
a greater future today

Main functions, requisites & benefits

Main functions

You will join a cutting-edge research centre, focused on sustainability and the circular economy, which has spent years understanding and revolutionising the surfaces of things, from those we touch every day in our homes or in our vehicles, to the most demanding materials for sectors such as aeronautics and energy. You will work on training and/or company transfer projects, carrying out your work in such a way that you are able to pursue several lines of research simultaneously, optimising resources and maximising results. In addition to working on issues related to the electronic control of printed elements at both hardware and software level, your work will focus on the following functions: To reinforce and promote the materials and process line for printed and/or embedded electronics. To generate new ideas/concepts. To analyze results, draft reports and prepare presentations. To support the preparation of documentation connected with seeking funding.

Requisites

Education: Degree in Electronic Engineering or similar Languages: Fluent in spoken and written English. Knowledge: The successful candidate must demonstrate sound knowledge and experience in all or some of the following aspects: Design of circuits/PCBs (ALTIUM) Microcontroller programming (Arduino, etc.) Design of drivers for semiconductors. Knowledge of EMC. Code implementation in C and C++. Communication protocols (I2C, SPI, UART, CAN, Ethernet, etc.). Prototype/product development and validation methodologies (SIL, HIL) Desktop application development (LabVIEW, Qt, Python, etc.) Cloud databases and applications. Knowledge and experience of the following will be highly valued: Development of electronic control for elements such as capacitive sensors, resistive sensors, lighting systems, etc. Printed electronics: Design and validation of the functionality of printed systems such as circuits, sensors, antennae, heaters, etc. 2D vectorial and 3D design via CAD. Observations: A highly motivated person, with a keen interest in research and innovation, you will join a multidisciplinary team. They must be able to organise their own work and meet deadlines and targets. Problem-solving capacity and scientific criteria. Good communication skills, verbal and written.

Benefits

At CIDETEC you will be able to develop your career alongside a team of top-level professionals, in a young yet committed environment, dedicated to innovation and seeking to provide practical solutions that result in a more sustainable world. Professional development opportunities that allow you to build a solid career, working on projects that transform both industry and society. Work with teams at the very highest level in local, national and European settings. Work-life balance initiatives. Continuous training. Privileged setting in a safe and friendly environment. Variable remuneration package for all employees.