Barcelona 25/09/2023

IREC ("Fundació publica Institut de Recerca en Energia renovable de Catalunya", www.irec.cat) is a leading research center located in Barcelona where research is carried out to improve the future of society within the field of energy, renewables and energy efficiency.

The Solar Energy Materials and Systems Group (SEMS) is an interdisciplinary research group of 24 people that includes researchers in physics, chemistry and materials, and engineers in electronic, mechanical, and programming, all focused on creating new solutions to improve photovoltaics and their transfer to the society with strong interaction with other European research centers as well as with the industry (photovoltaic manufacturers, installers and plant managers)

We are looking for artificial intelligence analysts with the following requirements.

• Knowledge in Artificial Neural Networks, Computer Vision, Data Processing, Numerical Analysis and Machine Learning.
• Proficiency in Python programming.
• Experience in AI architecture (design, implementation, and training) including database creation and management

It will be highly valued:

• Knowledge of in other fields of engineering or science
• Interest in doing a PhD
• Demonstrated experience of more than 1 year in a company/industrial environment
• Demonstrated experience of more than 1 year in software development

We offer:

• Possibility of training in advanced courses and carry out a PhD
• Participation in research projects
• Interaction with research environment and industrial environment
• Be part of an interdisciplinary team
• Access to the necessary infrastructure
• Possibility of a career in an academic-industrial transfer environment

How to apply: Send the CV, a motivation letter and diplomas (or certificate) to Dr Ignacio Becerril-Romero (ibecerril@irec.cat) and Dr. Victor Izquierdo-Roca (vizquierdo@irec.cat) indicating Ref. **23/086** in the subject of the e-mail.

Deadline: 05/11/2023

Starting date: December

Expected duration of contract: Indefinite contract