**Publish date**: June, 2024

**Deadline for application**: July, 2024

**Ref. 23/080**

**Project**: DOMEHUB

**Area**: EiEP

**Group**: Power Systems

**Group leader**: Jose Luis Domínguez-García

**PI**: Lluis Trilla

**‘Junior Engineer (R1) in Computer Science for Energy Storage and SmartGrids’**

**Description**:

Power Systems group announces a position as Junior Engineer (R1) to work on different technical research projects in the fields of Management, Control and Communications of Energy Storage Systems in Smart Grids. The tasks to be carried out will be focused to development and programming of tools to increase smart grid intelligence and controllability. Additionally, experimental activities and set ups within IREC’s lab facilities are expected.

**Qualifications and experience required**:

Essential:

* Bachelor or Master’s in Computer Science, Industrial engineering, Telecommunications engineering or other related degrees.
* Knowledge and interest in communications protocols
* Interest on energy storage and smart grid related issues
* Knowledge and experience with the following programming languages and software: C, Python, GIT

Preferred (not all):

* Knowledge in cybersecurity.
* Knowledge in databases, etc
* Experience in work in collaborative projects.

Personal skills:

* Team Worker
* Initiative in Research and Innovation
* Flexibility
* Results-oriented
* Analytical and synthesis capabilities

**Required documents**:

Applicants must submit the following documents by email directly to Dr. Jose Luis Domínguez (jldominguez@irec.cat), Dr. Lluís Trilla (lltrilla@irec.cat) and Human Resources office (irecjobs@irec.cat)

**Reference**:

* Curriculum Vitae, specifying the completed degree and any relevant professional experience.
* Motivation letter.

**Offer of job position**:

We offer a R1 position for 12 months on the frame of DOMEHUB industrial project, with potential extension.

Salaries will be paid in accordance with the IREC’s salary policy, depending on the candidate’s qualification and professional experience.