



Endesa IN Challenge for Hackathon

Apply Industry 4.0 to the electric Infrastructure & Network

Nowadays there are a lot of task to fulfill to maintain the operation of the electric Infrastructure & Network. These tasks have a lot of optimization potential regarding the costs as well as the safety measures of the operating network team. Therefore, we shall develop technological equipment for the operating network team that contains the following features:

1. Sensors and communication measures to be part of the Internet of Things (IoT).
2. Cobot "Work pod" con sensors. (Help with daily tasks; Transportable; Be able to recognize risk situation; Represent real conditions and alarm previous access the work forces to the site; Detect some risk conditions as voltage, electromagnetic fields; Help to follow the 5 security rules; ...)
3. 3D-Printing facilities to repair, replace or create workpieces or tools that are required to restore the functionality of the network.



Special prize Endesa

We are offering a fast-track access to the Endesa's internship if one of people applying matches with the requirements below.

Requirements

- Younger than 27 years old.
- Higher than C1 English level (other languages will be considered)
- University studies according to Endesa's interests and needs
- No working experience related to their studies and not have participated in this program or similar
- The participant cannot have done more than 3 month's curricular internship in Endesa in the same department applied

Internship characteristics

- Bridge program with *Fundación Universidad Empresa*.
- Postgraduate title will be provided by *Instituto Universitario José Ortega y Gasset* (included in the program)
- 1 year (not extendible)- 40hours per week (maximum 8 per day)
- Tutor and training project with the functions to develop
- 900 € per month (gross salary)
- 2% IRPF retention
- Social security

Please note that this prize will be only awarded to those potential candidates that comply with the internship requirements.