

CALL FOR APPLICATIONS: RESEARCHER

Job/position/grant:

Job reference:	AE2023-0319 (CPES-Geral - CPES) INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Job/position/grant:	RESEARCHER
City:	Porto
Research field:	Main: ENGINEERING,COMPUTER SCIENCE Sub: Electrical engineering,Programming,Informatics

Job summary:

INESC TEC is accepting applications for 1 RESEARCHER job in the Informatics - Energy Systems

Scientific Advisor:	Ricardo Jorge Bessa
Start Date:	2023-10-03
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area: Informatics - Energy Systems

Project overview: Industrialization of R&D results and software development to support the decarbonization of the economy.

Objectives: Software integration and industrialization with commercial platforms for managing energy communities, micro-grids and sustainable energy systems. Creation and maintenance of APIs for a microservices platform; Ensuring scalability and performance of a product using backend technologies.

Academic Qualifications:	Bachelor or Master degree in electrical and computer engineering or computer science or informatics or similar.
Minimum profile required:	Programming skills (Python, C, C++, etc.); Knowledge and experience in backend development; Ability to break down complex problems, making flowcharts and drive towards a solution; Knowledge of SQL and NoSQL data stores particularly; Focus on clean and readable code
Preference factors:	Experience with software development for engineering problems; Fluency in English and Portuguese (spoken and written); Experience with the development of APIs (Flask, FastAPI, Django, or similar).

Funding Entity:

Type of contract: Uncertain term contract

The hiring shall be governed by what is stipulated in the legislation in force regarding uncertain term employment contracts and by INESC TEC norms.

Selection criteria:	The selection of the candidates will be based on the following criteria, in descending order of consideration: a) Relevant Curriculum in the concerned field of this tender b) Proven experience.
Selection Jury:	President of the Jury: Prof. Ricardo Jorge Bessa; Member: Prof. David Emanuel Rua; Member: Prof. Jorge Correia Pereira;
Notification of results:	The results of the selection process will be sent to the interested by electronic mail.
Application period:	From 2023-08-03 to 2023-09-15
Application submission:	Electronic form filling in www.inesctec.pt in the section Work with Us