

CALL FOR APPLICATIONS: RESEARCHER

Job/position/grant:

Job reference:	AE2023-0019 (CESE-Geral - CESE) INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Job/position/grant:	RESEARCHER
City:	Porto
Research field:	Main: ENGINEERING Sub: Computer engineering

Job summary:

INESC TEC is accepting applications for 1 RESEARCHER job in the Computer Engineering	
Scientific Advisor:	Rui Diogo Rebelo
Start Date:	2023-02-16
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area:	Computer Engineering
Project overview:	Implementation of an eco-efficient planning engine for footwear injection production lines. Implementation of IIoT platforms for monitoring production systems . Implementation of platforms for product traceability .
Objectives:	Development of the platforms and software applications (Backend and Fronted), IIoT and Machine Learning Platforms.

Academic Qualifications:	Masters degree in Computer Engineering or related area.
Minimum profile required:	Experience in software development using Java (Backend) and/or JavaScript+CSS (Frontend) and configuration and use of KAFKA and MQTT broker, as well as, Node-RED and OPC-UA. Experience in developing machine learning systems in Python. Master's average above 12;
Preference factors:	Experience in using Spring eco-system, namely Spring Framework, Spring Boot, Spring Data and Spring Cloud. Experience in using Vue.js GUI development frameworks. Experience in using the H2O platform.

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. António Henrique Almeida; Member: Prof. Jorge Pinho de Sousa; Member: Prof. José Soeiro Ferreira;
Notification of results:	The results of the selection process will be sent to the interested by electronic mail.
Application period:	From 2023-01-18 to 2023-01-31
Application submission:	Electronic form filling in www.inesctec.pt in the section Work with Us