

CALL FOR APPLICATIONS: RESEARCHER

Job/position/grant:

Job reference:	AE2023-0294 (HUMANISE-Geral - HUMANISE) INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Job/position/grant:	RESEARCHER
City:	Porto
Research field:	Main: COMPUTER SCIENCE Sub: Programming, Informatics, Modelling tools, Computer Systems, Systems design

Job summary:

INESC TEC is accepting applications for 1 RESEARCHER job in the Software Development (Full Stack) with applications to Agriculture, Earth Sciences, Ocean, Health and Industry.	
Scientific Advisor:	Lino Oliveira
Start Date:	2023-10-01
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area: Software Development (Full Stack) with applications to Agriculture, Earth Sciences, Ocean, Health and Industry.
Project overview: Carrying out R&D projects and enhancing knowledge, participating in the preparation of R&D project applications, mentoring junior researchers, scientific production oriented to international journals and conferences, intervention in the scientific and professional communities, as well as participation in scientific dissemination initiatives and technology, particularly in the area of work considered.
Objectives: Develop R&D activities in the area of work

Academic Qualifications:	MSc in Network and Systems Engineering, Informatics Engineering or similar
Minimum profile required:	<ul style="list-style-type: none">- Minimum of 2 years of experience in R&D projects in the area of work.- Knowledge in the programming languages: python, javascript, C, Java.- Knowledge of Geospatial Information Systems, OGC (Open Geospatial Consortium) standards and Artificial Intelligence.- Experience in developing and customizing algorithms for classifying and identifying objects in images.
Preference factors:	<ul style="list-style-type: none">- experience in programming languages, chiefly in those identified as minimum requirements.- experience in the deployment of applications using software containers.- experience in open-source web mapping technologies (leaflet/maptalks).- experience in implementing artificial intelligence algorithms.- experience in applying deep learning techniques to generate artificial images.

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. Gabriel David; Member: Prof. Ademar Aguiar; Member: Prof. Hugo Paredes;
Notification of results:	The results of the selection process will be sent to the interested by electronic mail.
Application period:	From 2023-08-27 to 2023-09-08
Application submission:	Electronic form filling in www.inesctec.pt in the section Work with Us