INESCTEC

CALL FOR APPLICATIONS: RESEARCHER

Job/position/grant:

Job reference:	AE2022-0396 (CESE-Geral - CESE)
	INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Job/position/grant:	RESEARCHER
City:	Porto
Research field:	Main: COMPUTER SCIENCE,ENGINEERING
	Sub: Computer engineering

Job summary:

INESC TEC is accepting applications for 1 RESEARCHER job in the Industrial Information Systems	
Scientific Advisor:	António Henrique Almeida
Start Date:	2023-01-25
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area: Industrial Information Systems

Project overview: To investigate new concepts of industrial information systems specifically in terms of architecture and person-computer interaction. The focus will be on semantic approaches - ontologies, metadata - and their representation and manipulation - e.g. knowledge graphs.

Objectives: To develop proofs of concept; To collaborate in the preliminary studies and definition of requirements/specifications of the software solutions to be developed; Participate in the development of these solutions; Test and validate the solutions developed; Participate in the production of deliverables for national and European projects;

Academic Qualifications:	Master's degree in computer engineering, electrical engineering or a related field;
Minimum profile required:	Experience in semantic modelling (development of conceptual models), ontology engineering and software development using Python and/or Java.
Preference factors:	Knowledge and experience in RML, SHACL and in the use of graph-oriented database (GraphDB or Neo4J). Previous work experience.

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. António Lucas Soares;
Notification of results:	The results of the selection process will be sent to the interested by electronic mail.
Application period:	From 2022-12-14 to 2022-12-27
Application submission:	Electronic form filling in www.inesctec.pt in the section Work with Us