

## CALL FOR APPLICATIONS: RESEARCHER

### Job/position/grant:

<b>Job reference:</b>	AE2023-0401 ( HUMANISE-Geral - HUMANISE ) INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
<b>Job/position/grant:</b>	RESEARCHER
<b>City:</b>	Porto
<b>Research field:</b>	Main: COMPUTER SCIENCE Sub: Programming, Informatics, Modelling tools, Computer Systems, Systems design

### Job summary:

<b>INESC TEC is accepting applications for 1 RESEARCHER job in the Senior Software Engineer. Stages of system/software development life cycle: requirement gathering, analysis, architecture design, implementation, integration, testing, release, maintenance, and support for applications to Agriculture, Earth Sciences, Ocea</b>	
<b>Scientific Advisor:</b>	Lino Oliveira
<b>Start Date:</b>	2023-12-01
<b>Location:</b>	INESC TEC, Porto, Portugal

### Job description:

<b>Work Area:</b> Senior Software Engineer. Stages of system/software development life cycle: requirement gathering, analysis, architecture design, implementation, integration, testing, release, maintenance, and support for applications to Agriculture, Earth Sciences, Ocea
<b>Project overview:</b> Carrying out and managing 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.
<b>Objectives:</b> - Develop R&D activities in the area of work

<b>Academic Qualifications:</b>	MSc in Informatics and Computing Engineering or similar
<b>Minimum profile required:</b>	<ul style="list-style-type: none"><li>- Minimum of 8 years of experience in R&amp;D projects in the considered area of work, with publication of at least five scientific papers.</li><li>- Experience in Geospatial Information Systems (GIS) and Artificial Intelligence applied to 3D visualization.</li><li>- Experience in using Augmented Reality (AR) with GIS to improve safety and spatial awareness in complex environments.</li><li>- Design project proposals by defining the work packages, timelines, and resources to accomplish the project objectives</li><li>- Technical skills: C#, C++, Python, Git, Unreal Engine, Unity, WebGL, Docker, PostgreSQL, SQL Server.</li><li>- Methodologies &amp; Frameworks: Agile, SCRUM, Kanban.</li></ul>
<b>Preference factors:</b>	<ul style="list-style-type: none"><li>- Experience in Artificial Intelligence and Computer Vision.</li><li>- Experience in Process Modeling and UML.</li></ul>

<b>Funding Entity:</b>	
<b>Type of contract:</b>	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.	

<b>Selection criteria:</b>	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.
<b>Selection Jury:</b>	President of the Jury: Gabriel David; Member: Ademar Aguiar; Member: Hugo Paredes;
<b>Notification of results:</b>	The results of the selection process will be sent to the interested by electronic mail.
<b>Application period:</b>	From 2023-10-12 to 2023-10-25
<b>Application submission:</b>	Electronic form filling in <a href="http://www.inesctec.pt">www.inesctec.pt</a> in the section <a href="#">Work with Us</a>