

## CALL FOR APPLICATIONS: RESEARCHER

### Job/position/grant:

<b>Job reference:</b>	AE2024-0196 ( BLOCKCHAINPT - CRIIS ) 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: ENGINEERING Sub: Electrical engineering

### Job summary:

<b>INESC TEC is accepting applications for 1 RESEARCHER job in the IoT systems for animal monitoring and herd control</b>	
<b>Project:</b>	BLOCKCHAIN.PT - AGENDA "DESCENTRALIZAR PORTUGAL COM BLOCKCHAIN"
<b>Scientific Advisor:</b>	Filipe Neves Santos
<b>Start Date:</b>	2024-07-01
<b>Location:</b>	INESC TEC, Porto, Portugal

### Job description:

<b>Work Area:</b> IoT systems for animal monitoring and herd control
<b>Project overview:</b> - Study and identify state-of-the-art IoT solutions for monitoring and controlling animals - Design and project an IoT solution considering RTOS operating systems - Study and design a herd monitoring and control system - Testing and validation of the designed solution in a real context - Production of scientific articles and communication of results.
<b>Objectives:</b> Study and create IoT solutions for animal monitoring and herd control

<b>Academic Qualifications:</b>	Master s Degree in Electrical and Computer Engineering and related areas
<b>Minimum profile required:</b>	Master's Degree in Electrical and Computer Engineering and related areas
<b>Preference factors:</b>	Experience in PCB design and projects, firmware programming considering the RTOS operating system, proven experience in designing microelectronics.

<b>Funding Entity:</b>	BLOCKCHAINPT funded by IAPMEI with reference 51 Co-financed by Component 5 - Capitalization and Business Innovation, integrated in the Resilience Dimension of the Recovery and Resilience Plan within the scope of the Recovery and Resilience Mechanism (MRR) of the European Union (EU), framed in the Next Generation EU, for the period 2021 - 2026.
<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>Disability Incentive:</b>	Candidates who present a degree of disability equal to or greater than 90% will benefit from an incentive (20) in the score of the CV Assessment. Candidates who present a degree of disability equal to or greater than 60% and less than 90% will also benefit from an incentive (10) in the score of the CV Assessment. Said score may, in these cases, exceed 100 points. Candidates must demonstrate the degree of disability during the application, namely through the submission of the Multi-Purpose Medical Certificate of Disability, issued in accordance with Decree-Law no. 202/96, of October 23 - currently in effect. Candidates must declare, in the application form, the type of disability used throughout the selection process, in order to proceed with the required adaptations.
<b>Selection Jury:</b>	President of the Jury: Filipe Neves Santos; Member: Tatiana Martins Pinho; Member: André Silva Aguiar;
<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 2024-05-23 to 2024-06-06
<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>