INESCTEC

CALL FOR APPLICATIONS: RESEARCHER

Job/position/grant:

Job reference:	AE2021-0094 (RHAQ - CTM)
	INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Job/position/grant:	RESEARCHER
City:	Em Portugal, na sede do INESC TEC, no Porto, ou em regime de teletrabalho parcial em condições a acordar entre as partes.
Research field:	Main: ENGINEERING
	Sub: Electrical engineering

Job summary:

INESC TEC is accepting applications for 1 job in the Computational, Informatics, Telecommunications and Multimedia Learning

Project:	Contratação de Recursos Humanos Altamente Qualificados
Scientific Advisor:	Jaime Cardoso
Duration of the contract:	from 2021-07-01 to 2023-06-30
Location:	Em Portugal, na sede do INESC TEC, no Porto, ou em regime de teletrabalho parcial em condições a acordar entre as partes.

Job description:

Work Area: Computational, Informatics, Telecommunications and Multimedia Learning

Project overview: Contribute to the scientific and technological transfer activities of the Centre for Telecommunications and Multimedia, supporting and promoting the application of Machine Learning in the fields in which the Centre is active.

Objectives: Assist in the execution of R&D projects with emphasis on programming and engineering activities. Assist with IT management and maintenance of the high performance computing (GPUs) and storage platform. Assist in the management and maintenance of the Centre's laboratories. Assist in preparation of proposals for R&D projects, scientific production targeting international journals and conferences, especially in the field Computational Learning Applied on Telecommunications and Multimedia, particularly in our areas of Communication Technologies, Optoelectronics, Multimedia and Computer Vision.

Academic Qualifications:	Nationals, foreigners and stateless persons who hold a Master's degree in Electrical Engineering, Computer Science or a similar scientific field, and who have a scientific and professional background that indicates a profile suitable for the activity to be developed
Minimum profile required:	
Preference factors:	Participation, possibly including positions of responsibility, in research projects in Machine Learning applied to Telecommunications and Multimedia. Other preference factors: 1. post-master's experience. 2. Experience working in UNIX/Linux environments. 3. Experience at least in one of the following programming languages: Python; C; C++; Java 4. Experience in building at least two of the following components: Web Pages; WebServices: API; Applications for Android and/or iOS mobile devices. 5. Experience at least in one of the following domains: wireless networks, communication technologies, optoelectronic technologies, multimedia and computer vision 6. Experience at least in one of the following components: pyTorch; TensorFlow; OpenCV 7. Experience in managing high performance computing platforms based on GPUs. Experience in Slurm is valued. 8. fluency in the English language.

Funding Entity:	CCDRN financed by the Northern Regional Operational Program, through the European Social Fund and the Social Security Budget.
Type of contract:	Certain Term
The hiring shall be governed by what is stipulated in the legislation in force regarding fixed individual 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. Jaime Cardoso;
	Member: Prof. Filipe Ribeiro;
	Member: Prof. Paula Viana;
Notification of results:	The results of the selection process will be sent to the interested by electronic mail.
Application period:	From 2021-05-18 to 2021-06-01
Application submission:	Electronic form filling in www.inesctec.pt in the section Work with Us