INESCTEC

CALL FOR APPLICATIONS: RESEARCHER

Job/position/grant:

Job reference:	AE2022-0042 (CRIIS-Geral - CRIIS)
	INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Job/position/grant:	RESEARCHER
City:	Porto
Research field:	Main: ENGINEERING
	Sub: Electrical engineering

Job summary:

INESC TEC is accepting applications for 1 job in the Robotics	
Scientific Advisor:	Manuel Santos Silva
Duration of the contract:	from 2022-03-03 to 2023-03-02, eventually renewable.
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area: Robotics

Project overview: Development of robotic systems for: (i) printing printed circuits on 3D parts, (ii) teaching by demonstration and (iii) internal logistics based on mobile robots.

Objectives: Development of applications in mobile robotics and manipulation. The candidate will be part of an INESC TEC research and development team focused on industrial robotics projects, whether based on industrial manipulators and programming by demonstration, or on mobile robots. As an example, there will be ongoing industrial robotics projects with the objective of developing systems for printing printed circuits and inks with differentiating characteristics in parts with complex 3D geometries, using for this purpose a robotic manipulator and artificial vision systems, teaching by demonstration or in-house logistics based on mobile robots.

Academic Qualifications:	Master's degree in Electrical and Computer Engineering, Computer Engineering, or related areas.
Minimum profile required:	Experience in C/C++ programming
Preference factors:	Knowledge of robotics, programming, 2D/3D artificial vision systems and AI Knowledge and experience working with the ROS framework Previous experience developing interfaces using Qt Previous experience developing software using the OpenGL API Candidate's Curriculum Vitae Quality

Funding Entity:	
Type of contract:	fixed-term contract
The hiring shall be governed by what is stipulated in the legislation in force regarding fixed-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. Manuel Santos Silva;
	Member: Prof. António Paulo Moreira;
	Member: Prof. Luís Freitas Rocha;
Notification of results:	The results of the selection process will be sent to the interested by electronic mail.
Application period:	From 2022-02-02 to 2022-02-15
Application submission:	Electronic form filling in www.inesctec.pt in the section Work with Us