

CALL FOR APPLICATIONS: RESEARCHER

Job/position/grant:

Job reference:	AE2024-0312 (Produtech_R3 - CEGI) INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Job/position/grant:	RESEARCHER
City:	Porto
Research field:	Main: ENGINEERING Sub: Industrial engineering

Job summary:

INESC TEC is accepting applications for 1 RESEARCHER job in the Cutting and Packing Problems	
Project:	Agenda Mobilizadora da Fileira das Tecnologias de Produção para a Reindustrialização
Scientific Advisor:	António Galvão Ramos
Start Date:	2024-10-01
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area: Cutting and Packing Problems
Project overview: Development of: - tools for processing 3D mesh models of irregular parts; - a graphic interface for decision support systems; - an advanced physics simulation solution using the Bullet Physics Engine.
Objectives: The main objective of the work is to develop a visualizer for a robotic palletizing system for heterogeneous articles.

Academic Qualifications:	Education in Industrial Engineering, Informatics Engineering, Mechanical Engineering, Computer Science or related area.
Minimum profile required:	Experience in the following skill(s): <ul style="list-style-type: none">- Programming in C++, Python;- Ability to work in group, high autonomy, and organization;- Experience in computer graphics.
Preference factors:	Advanced knowledge of English (spoken and written).

Funding Entity:	Produtech_R3 funded by IAPMEI with reference 60 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.
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: <ul style="list-style-type: none">a) Relevant Curriculum in the concerned field of this tenderb) Proven experience.
Disability Incentive:	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.

Selection Jury:	President of the Jury: António Galvão Ramos; Member: Elsa Marília Silva; Member: Pedro Filipe Rocha;
Notification of results:	The results of the selection process will be sent to the interested by electronic mail.
Application period:	From 2024-08-26 to 2024-09-12
Application submission:	Electronic form filling in www.inesctec.pt in the section Work with Us