

CALL FOR APPLICATIONS: RESEARCHER

Job/position/grant:

Job reference:	AE2023-0284 (CESE-Geral - CESE) 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 Operations Management; Logistics; Simulation; Optimization; OR; DSS	
Scientific Advisor:	Jorge Pinho de Sousa
Start Date:	2023-09-01
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area: Operations Management; Logistics; Simulation; Optimization; OR; DSS
Project overview: The main focus will be the development of simulation and optimisation models (exact and approximate methods) for solving logistics and operations problems, in particular within the MAGPIE and NEXIUS projects. The work is part of the activity of the CESE's Operations Management and Decision Support team at INESC TEC.
Objectives: Collaborate in the structuring of problems and in the definition of requirements/specifications of solutions. Participate in the development of these solutions; Test and validate the solutions developed; Participate in the production of project deliverables and reports.

Academic Qualifications:	Master's degree in Electrical and Computer Engineering (specialisation Industrial Management) or related field;
Minimum profile required:	Minimum 6 months of experience in developing simulation and optimization models; Experience in software development using Java and/or Python language; Master's degree average higher than 14.
Preference factors:	Experience in developing simulation models in Flexsim. Experience in linear programming models and heuristics/meta-heuristics development Mastery of the fundamental concepts of operations management and logistics. Previous professional experience.

Funding Entity:	
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: a) Relevant Curriculum in the concerned field of this tender b) Proven experience.
Selection Jury:	President of the Jury: Prof. António Henrique Almeida; Member: Prof. Jorge Pinho de Sousa; Member: Prof. José Soeiro Ferreira;
Notification of results:	The results of the selection process will be sent to the interested by electronic mail.
Application period:	From 2023-07-20 to 2023-08-02
Application submission:	Electronic form filling in www.inesctec.pt in the section Work with Us