

CALL FOR APPLICATIONS: RESEARCHER

Job/position/grant:

Job reference:	AE2026-0272 (CPES-Geral - CPES) INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Job/position/grant:	RESEARCHER
City:	Porto
Research field:	Main: COMPUTER SCIENCE,ENGINEERING,MATHEMATICS Sub: Informatics,Computer engineering,Electrical engineering,Applied mathematics

Job summary:

INESC TEC is accepting applications for 1 RESEARCHER job in the Computer Science

Scientific Advisor:	José Ricardo Andrade
Start Date:	2026-11-01
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area: Computer Science

Project overview: Development and application of artificial intelligence, machine learning, and statistical methods for time-series forecasting in the electricity sector, including demand, renewable generation, and market prices. Development and evaluation of point and probabilistic forecasting models, including uncertainty quantification. Automation of forecasting processes, covering data preparation, model training and updating, forecast generation, performance monitoring, and systematic evaluation of results.

Objectives: Development and application of artificial intelligence algorithms for different use cases in the energy sector, e.g., forecasting of renewable energy generation and energy consumption, control of power systems and distributed energy resources; Development of an AutoML library for time series; Testing and demonstration in a real-world demonstration environment.

Academic Qualifications:	Master's degree in applied mathematics, physics, computer science, electrical and computer engineering or informatics or similar.
Minimum profile required:	Basic knowledge about machine learning. Programming skills in Python.
Preference factors:	Experience in the development and application of machine learning algorithms to engineering problems; - Proven experience in the development of Python libraries and tools; - Experience with software version control tools, preferably Git; - Fluency in English, both written and spoken.

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.
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: Ricardo Jorge Bessa; Member: Tiago André Soares; Member: Carla Silva Gonçalves; Substitute member: Manuel Matos;
Notification of results:	The results of the selection process will be sent to the interested by electronic mail.
Application period:	From 2026-09-18 to 2026-10-17
Application submission:	Electronic form filling in www.inesctec.pt in the section Work with Us