INESCTEC

CALL FOR APPLICATIONS: RESEARCHER

Job/position/grant:

Job reference:	AE2024-0490 (LIAAD-Geral - LIAAD)
	INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Job/position/grant:	RESEARCHER
City:	Porto
Research field:	Main: COMPUTER SCIENCE
	Sub: Programming,Informatics,Computer Systems,Digital systems

Job summary:

INESC TEC is accepting applications for 1 RESEARCHER job in the Machine Learning and Natural Language Processing

Scientific Advisor:	Alípio Jorge
Start Date:	2025-01-01
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area: Machine Learning and Natural Language Processing

Project overview: - Exploration and development of Language Models for generation of structured outputs. - Use of API and local models from 7B to 70B. - Integrate domain knowledge with models. - State of the art collection for structure generation including code using or not domain knowledge. - Validation of models. - Interaction with users. - Integration of models in operational scenarios. - Report writing. - Publication of scientific papers.

Objectives: - Collect requirements.

- Obtain operational LLMs that satisfy requirements.

- Integrate LLMs with operation.

- Publish innovative work.

Academic Qualifications:	Master on Data Science, Computer Science, Artificial Intelligence, Informatics Engineering or similar
Minimum profile required:	Relevant experience in python programming and LLM training and usage. Fluency in English, spoken and written.
Preference factors:	Previous participation in R&D projects. Able to communicate in Portuguese.

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: Alípio Jorge;
	Member: Evelin Freire Amorim;
	Member: Nuno Ricardo Guimarães;
	Substitute member: Ricardo Campos;
Notification of results:	The results of the selection process will be sent to the interested by electronic mail.
Application period:	From 2024-11-21 to 2024-12-04
Application submission:	Electronic form filling in www.inesctec.pt in the section Work with Us