

CALL FOR APPLICATIONS

Job:

Job reference:	AE2019-0215 (INESC TEC LA - CTM) INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Position:	Research Grants (BI)
City:	Porto
Research field:	Main: ENGINEERING Sub:

Job summary:

INESC TEC is accepting applications to award 1 Research Grant for MSC .

Project:	INESC TEC - UID/EEA/50014/2019
Scientific Advisor:	Ana Maria Rebelo
Duration Grant:	from 2019-10-01 to 2019-12-31 (3) eventually renewable.
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area: Deep Learning, facial expression recognition

Project overview: Facial Expression Recognition (REF) is currently one of the most active research topics in human-machine interaction applications. This recent success has been achieved thanks to the emergence of deep learning based approaches. However, training these networks is still a very challenging task for such applications, as most available databases are relatively limited. This scholarship is intended to make a study of Deep Learning techniques for REF.

Objectives: - State of the art analysis of REF techniques - Deep Learning Framework Implementation - Comparison with state of the art algorithms

Academic Qualifications:	Master degree in Electrical Engineering, Bioengineering or similar.
Minimum Profile required:	Experience in image processing and analysis, machine learning, Matlab, C ++, Python, OpenCV.
Preference factors:	Previous experience in bio-related projects.
Monthly Grant:	€989,70 (MSC) according to the Stipends values of the grants awarded directly by the FCT, paid by bank transfer. The grant holder may also benefit from additional incomes in the sequence of a quarterly evaluation process (Clauses 12 and 13 of INESC TEC Grants Regulation and Annex II), up to a maximum of 50% of the monthly grant.

Project duration:	-
Funding Entity:	Funded by National Funds through FCT - Portuguese Foundation for Science and Technology, I.P., in the scope of the project UID/EEA/50014/2019
The grant contract shall be submitted to the legislation concerning the Research Grant Holder Statute , approved by Law n 40/2004, dated 18 August, amended and republished by Decree-Law No. 202/2012 of 27 August and amended by Decree-Law No. 233/2012 of 29 October and by Law No. 12/2013, of January 29, and Decree-Law No. 89/2013 of July 9 as well as by INESC TEC Grant Regulation , approved by FCT - Fundação para a Ciência e a Tecnologia (Science and Technology Foundation) in 12 January 2011 and FCT current Grant Regulation. Additional information about INESC TEC Grants Regulation and relating annexes may be found at www.inesctec.pt/grants	

Selection Criteria:	Curriculum evaluation based on the criteria referred to in Clause 7 INESC TEC Grants Regulation and will include individual interviews in the final stage of the selection process, with its valuation: 90% curriculum evaluation (40% CV, 30% scientific domains and 20% Expertise) and 10% interview. Only those candidates who obtain at least 70% in the curricular evaluation (CV + Scientific Domain + Experience) will be called for the interview.
Selection Jury:	President of the Jury: Prof. Ana Maria Rebelo; Member: Prof. Hélder Filipe Oliveira; Member: Prof. Jaime Cardoso;
Notification of results:	The results of the selection process will be disseminated to interested parties by mail, as referred to in Clause 8 of INESC TEC Grants Regulation .
Application period:	From 2019-09-02 to 2019-09-13
Application submission:	Fill in the electronic form in the section Work with Us at www.inesctec.pt , , attaching the Curriculum Vitae, certificate of qualifications and other supporting documents relevant to the final assessment.