

CALL FOR APPLICATIONS

Job:

Job reference:	AE2019-0135 (INESC TEC LA - LIAAD) INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Position:	Research Grants (BI)
City:	Porto
Research field:	Main: COMPUTER SCIENCE Sub: Programming

Job summary:

INESC TEC is accepting applications to award 1 Research Grant for MSC .	
Project:	INESC TEC - UID/EEA/50014/2019 INESC TEC - UID/EEA/50014/2019
Scientific Advisor:	João Mendes Moreira
Duration Grant:	from 2019-09-01 to 2020-02-29 (6) eventually renewable.
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area: Machine learning / data analysis / outlier detection
Project overview: The work to be developed is inserted in the area of analysis of banking assets sensibilities. A thorough analysis of data from various data sources should be carried out. This analysis should focus either on the viewpoint of the detection of outliers or in the perspective of the detection of context changes that have an impact on sensitivities.
Objectives: There are three objectives: (1) A method of detection of outliers; (2) A report with the study of data analysis for detection of outliers; (3) A report with the study of data analysis from the perspective of the detection of context changes that impact on the sensitivities.

Academic Qualifications:	Master in computer science or related area
Minimum Profile required:	Knowledge and experience in Machine Learning
Preference factors:	Programming in Python or R language
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: 70% curriculum evaluation (35% CV, 25% scientific domains and 10% Expertise) and 30% 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. João Mendes Moreira; Member: Prof. Ricardo Teixeira Sousa; Member: Prof. Augustin Olivier;
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 2019-06-27 to 2019-07-31
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.