

CALL FOR APPLICATIONS

Job:

Job reference:	AE2019-0180 (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, Computer Systems, Informatics

Job summary:

INESC TEC is accepting applications to award 1 Research Grant for MSC .	
Project:	INESC TEC - UID/EEA/50014/2019
Scientific Advisor:	João Gama
Duration Grant:	from 2019-09-16 to 2020-09-15 (12) eventually renewable.
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area: Computer Science - Data Mining
Project overview: The work will be developed for risk analysis for microfinance.
Objectives: Development of credit scoring models in two contexts: personal loans, and working capital loans. Definition of actions to deal with unbalanced data. Development of decision support models with the objective of identifying fake profiles.

Academic Qualifications:	MSc in Maths, Informatics, Data Analytics
Minimum Profile required:	Knowledge in Maths, Machine Learning /Data Mining. Knowledge in programming languages mainly Java, R and Python. Availability to do a PhD
Preference factors:	Good background in Maths. Previous research done in the past and publications
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: 80% curriculum evaluation (30% CV, 26% scientific domains and 24% Expertise) and 20% 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 Gama; Member: Prof. Rita Paula Ribeiro; Member: Prof. Alípio Jorge;
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 2019-08-07 to 2019-08-30
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.