

CALL FOR APPLICATIONS

Job:

Job reference:	AE2017-0220 (CSIG - Geral - CSIG) INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Position:	Scientific Initiation Grants (BIC)
City:	Porto
Research field:	Main: COMPUTER SCIENCE Sub: Database management

Job summary:

INESC TEC is accepting applications to award 1 Scientific Initiation Grant	
Project:	
Scientific Advisor:	Cristina Ribeiro
Duration Grant:	from 2017-09-06 to 2018-03-05 (6) . The grant may be renewed for additional periods up to the maximum duration of the project or the duration of the grant for which the candidate was selected. It can also be renewed due to another project provided that it is entirely or partly related to the work area in the call and that it contributes to the ongoing training.
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area:	LabTablet and B2DROP upload
Project overview:	LabTablet is an electronic laboratory notebook that uses the ontologies available in Dendro as metadata models. In this work we explore the synchronisation between LabTablet and B2DROP. The combination of LabTablet and B2DROP can be put to work in research groups where laboratory or fieldwork is central. It is a first approach to the integration of LabTablet with EUDAT services.
Objectives:	1-Study LabTablet and its integration in Dendro; 2-Study the B2DROP API; 3-Implement file uploads and downloads between B2DROP and LabTablet; 4-Design and implement unit tests; 5-Identify the limitations of this approach.

Academic Qualifications:	2 complete years of the Informatics Engineering 1st cycle degree
Minimum Profile required:	Knowledge of databases, web programming, unit testing tools and git.
Preference factors:	Program. exp. in MEAN stack, OpenLink Virtuoso and SPARQL language. Exp. git and bash scripts(knowledge of Linux systems). Knowledge of OpenAPI 2.0 spec, Swagger framework. Exp. Android programming.
Monthly Grant:	€385,00 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:	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 7º 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, 25% scientific domains and 25% Expertise) and 20% interview.
Selection Jury:	President of the Jury: Prof. Cristina Ribeiro; Permanent Member: Prof. João Rocha Silva; Substitute Member: Prof. Gabriel David;
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 2017-08-14 to 2017-08-29
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.