

CALL FOR APPLICATIONS

Job:

Job reference:	AE2017-0119 (TAIL - 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:	TAIL - Research data management from creation to deposit and sharing
Scientific Advisor:	Cristina Ribeiro
Duration Grant:	from 2017-06-01 to 2017-11-30 (6) eventually renewable.
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area:	Bibliometrics and statistics in Dendro
Project overview:	Dendro is a platform for the organization and description of research data, making metadata creation easier and connecting with other Linked Open Data platforms. This work aims to implement bibliometric and other usage statistics in Dendro. All implementations must be covered by tests, improving the existing coverage.
Objectives:	1. Brief study about relevant bibliometry metrics relevant for research publications and other resources published on the web 2. Analysis of repository platforms and the statistics that they make available to their users 3. Implementation of a statistics screen (dashboard) capable of showing the statistics selected during the preliminary study 4. Writing of unit and integration tests for Dendro.

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.using MEAN stack, OpenLink Virtuoso and SPARQL language. Exp.using git,bash scripts(knowledge of Linux systems).Knowledge of OpenAPI 2.0 spec and Swagger framework. Exp.with visualiz.tools.
Monthly Grant:	€385,00 according to the Stipends values of the grants awarded directly by the FCT, paid by bank transfer. The grant holder can receive additional payments by participating in complementary contracts or projects that contribute to the work plan (Clauses 12 and 13 of INESC TEC Grants Regulation and Annex II), in accordance with paragraph 4 of article 5 of Research Grant Holder Statute, approved by Law nº 40/2004, dated 18 August, up to a maximum of 50% of the monthly grant.

Project duration:	2016-05-30 a 2019-05-29
Funding Entity:	ERDF - European Regional Development Fund through the Operational Programme for Competitiveness and Internationalisation - COMPETE 2020 Programme, and by National Funds (PIDDAC) through the FCT - Fundação para a Ciência e a Tecnologia (Portuguese Foundation for Science and Technology) within project PTDC/EEI/ESS/1672/2014 (POCI-01-0145-FEDER-016736).
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. Gabriel David; Substitute Member: Prof. João Correia Lopes;
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 2017-05-15 to 2017-05-29
Application submission:	Fill in the electronic form in the section Work with Us at www.inesctec.pt