CALL FOR APPLICATIONS

Job:

Job reference:	AE2019-0335 (INESC TEC LA - CSIG)
	INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Position:	Investigação (BI)
City:	Porto
Research field:	Main: COMPUTER SCIENCE
	Sub:

Job summary:

INESC TEC is accepting applications to award 1 Research Grant for Degree holders .	
Project:	INESC TEC-UID/EEA/50014
Scientific Advisor:	Carlos Emanuel Almeida
Duration Grant:	from 2020-02-01 to 2020-07-31 (6) eventually renewable.
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area: Development of software tools for marine science support.

Project overview: This work focuses on security in IoT devices. In particular, it aims at designing, developing and testing a solution to handle authentication and authorization of different applications in a global ecosystem of services focused on IoT devices, using a Single Sign-On and additional standard protocols.

Objectives: 1.Configuration of a service for authentication and access management 2.Design and develop a solution for authentication and authorization for IoT devices 3.Design and development of management interfaces for users, secrets and keys 4.Document the service and contribute to scientific communications

Academic Qualifications:	Degree in Informatics Engineering or equivalent
Minimum Profile required:	- Development of applications with responsive design, based on Web services
	-Advanced knowledge in SQL databases
	-JavaScript knowledge
	-Security basic knowledge
	-Software Engineering knowledge
Preference factors:	Experience in developing software based on JavaScript (ES6). Experience in developing applications based on Web Services. Experience with authentication systems.
Monthly Grant:	€ 752,38 (Degree) 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:	-
	2015-01-01 a 2017-12-31
Funding Entity:	Funded by National Funds through FCT - Portuguese Foundation for Science and Technology, I.P.,in the scope of the project INESC TEC-UID/EEA/50014

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 (30% CV, 25% scientific domains and 15% 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 Correia Lopes;
	Member: Prof. Ângelo Martins;
	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 2019-11-26 to 2019-12-31
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.