

CALL FOR APPLICATIONS

Job:

Job reference:	AE2019-0231 (INESC TEC LA - CPES) INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Position:	Scientific Initiation Grants (BIC)
City:	Porto
Research field:	Main: ENGINEERING Sub: Electrical engineering

Job summary:

INESC TEC is accepting applications to award 1 Scientific Initiation Grant .

Project:	INESC TEC - UID/EEA/50014/2019
Scientific Advisor:	David Emanuel Rua
Duration Grant:	from 2019-12-01 to 2020-11-30 (12) eventually renewable.
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area: Power Systems

Project overview: Development of modular graphical interfaces for the presentation of information regarding the use of energy in buildings of services. The information from several energy metering elements and sensors, needs to be unified through a middleware, to be developed in the scope of this work, that interconnects different databases. Dashboards and other graphical elements, for fixed and mobile devices, will be developed to allow the presentation of the data related to the energy use of services buildings.

Objectives: Identify the requirements of the HW modules Design the HW modules Implement and test the modules

Academic Qualifications:	Students enrolled for the 1st time in 1st cycle of higher education or in a master's degree.
Minimum Profile required:	Minimum Profile required: Knowledge in databases and dashboard solutions Knowledge in programming and experience in using servers; Fluency in Portuguese;
Preference factors:	Experience in developing graphical interfaces Knowledge in operating systems: Linux and Windows; Fluency in English (spoken and written);
Monthly Grant:	€388,81 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: 90% curriculum evaluation (40% CV, 30% scientific domains and 20% Expertise) and 10% 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. David Emanuel Rua; Member: Prof. Bernardo Silva; Member: Prof. Ricardo Jorge Bessa;
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 2019-10-24 to 2019-11-12
Application submission:	Fill in the electronic form in the section Work with Us at www.inesctec.pt , attaching the Curriculum Vitae, copy of school enrollment and other supporting documents relevant to the final assessment.