![INESC TEC logo]

CALL FOR APPLICATIONS

Job:

Job reference:	AE2019-0141 (SCReLProg - CSIG)
	INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Position:	Research Grants (BI)
City:	Porto ou Coimbra ou Vila Real
Research field:	Main: COMPUTER SCIENCE
	Sub: Programming

Job summary:

INESC TEC is accepting applications to award 1 Research Grant for MSC .	
Project:	Self and co-regulation in e-Learning of computer programming
Scientific Advisor:	Leonel Morgado
Duration Grant:	from 2019-09-01 to 2020-08-31 (12) - Eventually renewable until the project conclusion or budget.
Location:	Porto ou Coimbra ou Vila Real

Job description:

Work Area: Web Development and Data Analytics

Project overview: The project aims to develop an innovative e-learning model for advanced programming (software architectures and their development), called e-SimProgramming. This model will include team activities, resorting to Web platforms (Moodle LMS, Web 2.0, others) and virtual worlds & games (e.g. OpenSimulator). It is necessary to define, design, and develop integrated Web solutions to manage and analyse data and activities among students, and between then and teachers, across this diversity of platforms.

Objectives: Design, develop, and evaluate Web solution for monitoring (dashboards) and for online collaboration for the collective activities of the e-SimProgramming model. Design, develop, and evaluate, solutions for collection and analysis of research data, to enable the analysis of the model's performance and its tuning throughout the project. Draft and present documents reporting research results.

Academic Qualifications:	Master on Computer Science or similar
Minimum Profile required:	Competências de programação informática avançada
Preference factors:	Ability to understand written Portuguese language
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:	2018-10-01 a 2021-09-30
Funding Entity:	Funded by FEDER through the Operational Programme for Competitiveness and Internationalisation - COMPETE 2020 Programme, and by National Funds through the FCT - Portuguese Foundation for Science and Technology, I.P., within project POCI-01-0247-FEDER-030040 .

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. Leonel Morgado;
	Member: Prof. António Coelho;
	Member: Prof. Rui Silva Nóbrega;
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 2019-07-04 to 2019-07-18
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.