(BL145/2024)

CALL FOR APPLICATIONS FOR STUDENT RESEARCH FELLOWSHIP IN THE SCOPE OF R&D PROJECTS AND INSTITUTIONS

For students enrolled in a Master's Degree

Applications are open for 1 Research Fellowship for students enrolled in a Master's Degree, within the framework of project PRODIGI (1018P.06566.1.01.02), financed by national funds through PRR (Plano de Recuperação e Resiliência, through IAPMEI – Agência para a Competitividade e Inovação, under the following conditions:

Scientific Area: Information Systems

Admission Requirements: Students enrolled in the Master's degree in either Computer Science and Engineering, Electrical and Computer Engineering, Telecommunications and Informatics Engineering, or similar field. Knowledge of programming fundamentals and object-oriented programming. Interest in application development. **Preference is given to those who have previous experience in applying SQL knowledge to configure and manage databases for MOOC and LMS platforms, as well as in Python and HTML languages for use on these platforms.**

Workplan: The activities to be developed within the scope of this grant will consist of the integration and development of functionalities for interactive online learning software and teaching support systems, in particular MOOC and LMS platforms. It will include namely the configuration of MOOC Técnico courses developed on the Open EdX platform and LMS systems based on the Moodle platform. The tasks to be developed will include providing support and assistance to Professors in inserting course content and assessments on the selected platforms, ensuring a coordinated management of these systems with DSI infrastructure teams.

Legislation and Regulations: Statute of Scientific Research Fellow, approved by Law nr. 40/2004, of August 18, as worded by Decree-Law nr. 123/2019, of August 28; FCT Regulation for Research Studentships and Fellowships, available on https://www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT2019.pdf and https://dre.pt/application/file/a/127230968.

Workplace: The work will be developed at DSI (Direção de Serviços de Informática) of Instituto Superior Técnico, under the scientific supervision of Professor Ana Moura Santos.

Duration: The student research fellowship will have a duration of 12 months. It is expected to begin in October 2024, and may eventually be renewed up to the maximum of 24 months, including the duration of the initial contract.

Monthly maintenance allowance: the amount of the monthly maintenance allowance is € 990,98, funded by c.c. 1018P.06566.1.01.02 – PRODIGI, being the payment method an option of the Fellow by Wire Transfer or by Check.

Selection methods: In the first stage, 3 candidates will be selected based on their CV and portfolio with a weight of 70% and 30%, respectively. Candidates selected in the first phase will then be classified through an individual interview.

Composition of the selection Jury: President: Professor Alexandre Francisco; Effective members: Professor Ana Moura Santos; and Engr. Jorge Matias; Substitute members: Engr. Luís Cruz e Engr. Catarina Cepeda.

Announcement/ notification of the results: The final evaluation results will be communicated to all applicants by email.

Deadlines and procedures of complaint and appeal. A complaint may be lodged from the final decision within 15 working days, or an appeal to the Executive Board of IST within 30 working days, both counted from the respective notification

Application deadline and formalization: The call is open from August 9 until August 23, 2024.

It is mandatory to formalize applications with the submission of the following documents: i) B1 Form – Fellowship application (http://drh.tecnico.ulisboa.pt/bolseiros/formularios/); ii) *Curriculum Vitae*; iii) academic degree certificate, when applicable; iv) proof of enrollment at an academic degree course or at a course that does not award an academic degree; v) motivation letter;

Applications must be submitted to the email*: bolsas@dsi.tecnico.ulisboa.pt*