

NOTICE FOR THE AWARD OF SCHOLARSHIPS IN THE SCOPE OF R&D PROJECTS AND INSTITUTIONS

1 Scientific Initiation Studentship

Applications are open for 1 Research Fellowship for students enrolled in a Bachelor's Degree, within the framework of project PRODIGI -RE-C06-i07 Impulso Mais Digital - IST (1018P.06566.1.01), 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 Bachelor'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 already have knowledge of Python, JavaScript, HTML, and SQL.

Workplan: The activities to be developed will consist of researching and developing new methodologies to optimize support for teachers in configuring online courses running on Técnico's MOOC and LMS platforms, as well as addressing technical issues related to the availability of content on the platform. In this context, the scholarship holder will collaborate on the following activities: use of MOOC and LMS platforms, including course configuration, and technical issues related to the availability of content and the preparation of assessments, as well as the configuration of course reissues, the insertion of videos on the YouTube channel and the generation of their respective transcripts and possible translations, and the reporting of errors and malfunctions to the external provider responsible for system maintenance. Participation in the various activities may involve requirements gathering, process development and optimization, evaluation and documentation.

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; IST Regulation of Scientific Research Fellowships, available on https://drh.tecnico.ulisboa.pt/files/sites/45/despacho_8532_regulamento_bolsas.pdf

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

Duration: The research fellowship will have the duration of 6 months. It's expected to begin in September 2025, and may be eventually renewed up to the maximum of 12 months, including the duration of the initial contract.

Monthly maintenance allowance: the amount of the monthly maintenance allowance is € 651,12, being the payment method of the Fellow by wire transfer.

Selection methods: In the first stage, 3 candidates will be selected based on their CV and portfolio with a weighting 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 Paulo Lourenço Francisco; Effective members: Professora Ana Isabel Baptista Moura Santos and Eng.º Jorge Daniel Sequeira Matias; Substitute members: Eng.º Luís Eugénio Marques Moreira Pires da Cruz and Eng.ª Catarina Alexandra Pereira 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, or an appeal to the President of IST, within 15 working days counted from the respective notification.

Application deadline and formalization: The call is open from July 10 until July 30, 2025.

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, where 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