

CALL FOR APPLICATIONS: RESEARCHER

Job/position/grant:

Job reference:	AE2025-0536 (CBER-Geral - CBER) INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Job/position/grant:	RESEARCHER
City:	Porto
Research field:	Main: COMPUTER SCIENCE Sub: Computer Systems

Job summary:

INESC TEC is accepting applications for 1 RESEARCHER job in the Development of web and mobile applications in the field of biomedical engineering for human monitoring	
Scientific Advisor:	Duarte Filipe Dias
Start Date:	2026-01-05
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area:	Development of web and mobile applications in the field of biomedical engineering for human monitoring
Project overview:	Familiarization with the biomedical field and the various existing systems for carrying out various developments in accordance with C-BER projects. Acquire the technological skills in the tools available in the group (Android Studio, Flutter, ...). Improvement and development of web and mobile applications in the health field (e-health & m-health). Development and integration of algorithms from the research group. Testing and validating technologies in real scenarios, collecting user feedback for improvements following an Agile methodology. Preparation of presentations and scientific papers related to the systems developed, as well as tests and guidebooks for using the systems on the field.
Objectives:	The Centre for Biomedical Engineering Research (C-BER) develops web and mobile applications with the aim of taking the artificial intelligence algorithms that C-BER has been developing out of the laboratory, enabling data collection and processing on the field and actively participate in testing and validation with the user. The objective of this work will be the evolution and development of mobile applications for monitoring and tracking people/patients with the integration of wearable or similar systems and algorithms that have been developed or are under development. These applications are intended for use in hospitals and by companies in different industrial areas.

Academic Qualifications:	Bachelor or Master degree on in Computer Engineering, Computer Science, Biomedical Engineering, Software Engineering or equivalent.
Minimum profile required:	Good knowledge and experience in developing mobile and web applications. The candidate must already have prior knowledge of Android Studio or Flutter, databases (MySQL, Postgres, SQLite), Python, C#, Java, Javascript, TypeScript, PHP, Node.js, and code version control systems (GitHub, GitLab).
Preference factors:	Preferred Profile: Previous experience in developing Android/Flutter applications. Ability to develop user-friendly interfaces and evaluate them with users. Previous work in the healthcare field.

Funding Entity:

Type of contract:	Uncertain term contract
The hiring shall be governed by what is stipulated in the legislation in force regarding uncertain term employment contracts and by INESC TEC norms.	

Selection criteria:	The selection of the candidates will be based on the following criteria, in descending order of consideration: a) Relevant Curriculum in the concerned field of this tender b) Proven experience.
Disability Incentive:	Candidates who present a degree of disability equal to or greater than 90% will benefit from an incentive (20) in the score of the CV Assessment. Candidates who present a degree of disability equal to or greater than 60% and less than 90% will also benefit from an incentive (10) in the score of the CV Assessment. Said score may, in these cases, exceed 100 points. Candidates must demonstrate the degree of disability during the application, namely through the submission of the Multi-Purpose Medical Certificate of Disability, issued in accordance with Decree-Law no. 202/96, of October 23 - currently in effect. Candidates must declare, in the application form, the type of disability used throughout the selection process, in order to proceed with the required adaptations.

Selection Jury:	President of the Jury: João Paulo Cunha; Member: Susana Cristina Rodrigues; Member: Duarte Carvalho;
Notification of results:	The results of the selection process will be sent to the interested by electronic mail.
Application period:	From 2025-11-20 to 2025-12-05
Application submission:	Electronic form filling in www.inesctec.pt in the section Work with Us