

CALL FOR APPLICATIONS: RESEARCHER

Job/position/grant:

Job reference:	AE2022-0078 (HASLAB-Geral - HASLAB) INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Job/position/grant:	RESEARCHER
City:	Braga
Research field:	Main: COMPUTER SCIENCE Sub:

Job summary:

INESC TEC is accepting applications for 1 job in the Informatics Engineering

Scientific Advisor:	João Marco
Duration of the contract:	from 2022-04-01 to 2023-03-31, eventually renewable.
Location:	Braga

Job description:

Work Area: Informatics Engineering

Project overview: Creating non-authoritative digital identity systems capable of including a significant portion of the global population with no legal identification registry requires researching and exploring different technologies and solutions. Most of these technologies were initially conceived for different domains and, therefore, require an effort of adaptation to the scenario of secure identification of people. The INESC TEC aims at designing and developing technical solutions capable of ensuring trust in identification attributes provided by distributed and uncoordinated entities. In this context, the work proposed for this position has the main objectives of exploring, implementing, testing, and adapting different technological components that will support innovative developments in different contexts and projects.

Objectives: - Identification and exploration of the leading open-source systems for identification of individuals; - Definition and application of criteria and methodologies for comparative testing of the identified systems; - Design and implementation of a reference architecture upon which innovative components will be developed and tested; - Design and development of the necessary APIs for the integration of software components; - Design and development of terminal applications, e.g. mobile applications and web services; - Support to the software development team; - Design and development of test scenarios; - Production of technical documentation; - Support the management team in the production of reports and scientific papers.

Academic Qualifications:	- Master's degree in Computer Engineering
Minimum profile required:	- Proven experience in the development of digital identity systems; - Proven experience in the development of mobile applications; - Written and spoken proficiency of the Portuguese and English languages.
Preference factors:	- Knowledge of cryptography and information security; - Knowledge and experience in mobile digital identification; - Knowledge and experience with Ionic and Apache Cordova; - Knowledge of REST API.

Funding Entity:

Type of contract: fixed-term contract

The hiring shall be governed by what is stipulated in the legislation in force regarding fixed-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.
Selection Jury:	President of the Jury: Prof. João Marco; Member: Prof. Vítor Francisco Fonte; Member: Prof. António Luís Sousa;
Notification of results:	The results of the selection process will be sent to the interested by electronic mail.
Application period:	From 2022-03-02 to 2022-03-15
Application submission:	Electronic form filling in www.inesctec.pt in the section Work with Us