

INESC TEC | Research Initiation Grant (AE2024-0362) INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=243512>

Downloaded On: Aug. 31, 2024 5:25am

Posted Aug. 22, 2024, set to expire Dec. 22, 2024

Job Title	INESC TEC Research Initiation Grant (AE2024-0362)
Department	HUMANISE
Institution	INESC TEC PORTO, , Portugal
Date Posted	Aug. 22, 2024
Application Deadline	Aug. 29, 2024
Position Start Date	Aug. 16, 2024
Job Categories	Graduate Student
Academic Field(s)	Engineering - Other
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Apply By Email	
Job Description	

Research Opportunity

Informatics Engineering and Computer Science

Work description

- Define the requirements for a software application capable of managing data from biometric sensors embedded in wearable textiles, used in neuromuscular rehabilitation.
- Manage data acquisition through the usage of Web services for storage of raw and processed datasets;

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- Implement the software module and respective documentation;
- Perform usability and validation tests of the module;
- Write the grant activity report.

Academic Qualifications

Degree in Degree in Informatics and Computing Engineering or similar

Minimum profile required

- Proven experience with the Python 3+ programming language;
- Proved experience with Full-stack Web technologies;
- Degree average greater than or equal to 14 (scale from 0-20);

Preference factors

- Experience with the software delivery system, Docker;
- Experience with the TypeScript programming language;
- Experience with the FastAPI framework;
- Experience in collaborative environments where teamwork is a factor;
- Knowledge in Web security and the software solution Keycloak;
- Excellent performance in programming, software development course units

Maintenance stipend: € 601,12, according to the table of monthly maintenance stipend for FCT grants , paid via bank transfer. Grant holders may be awarded potential supplements, according to a quarterly evaluation process (Articles 19, 21 and 22 of the Regulations for Grants of INESC TEC and Annex II), up to a maximum limit of 50% of the monthly maintenance stipend.

INESC TEC supports costs with registration, enrolment or tuition fees, during the grant duration, under the terms established in the internal document: "Payment of Tuition fees to grant holders".

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The grant holder will benefit from health insurance, supported by INESC TEC.

Application Period

Since 16 Aug 2024 to 29 Aug 2024

Centre

Human-Centered Computing and Information Science

Scientific Advisor

[Alexandre Almeida Costa](#)

What we offer

- **Multicultural and collaborative environment**
- A multicultural, international and collaborative environment that makes it easier to exchange ideas, work in networks and create synergies.
- **International projects**
- The possibility of working in international projects with some of the most important companies in the field.
- **Mentoring**
- Mentoring with the best researchers in the fields of electrical and industrial engineering, bioengineering, information technology and physics.
- **Self Improvement**
- The possibility of participating in international conferences, workshops, seminars and vocational training.
- **Other Benefits and Perks**

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- Flexible working time, health insurance, discounts in hotels, transportation, etc.
- **Informal Events**
- Annual informal events, such as the multicultural party.

For more information: [Click Here](#)

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

Portugal

Contact E-mail rh@inesctec.pt