INESC TEC | Research Grant (AE2024-0279)
INESC TEC

Job Title	INESC TEC	Research Grant (AE2024-0279)
Department	CBER
Institution	INESC TEC
	PORTO, , Portugal
Date Posted	Aug. 5, 2024
Application Deadline	Aug. 7, 2024
Position Start Date	Jul. 25, 2024
Job Categories	Graduate Student
Academic Field(s)	Engineering - Other
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Apply By Email	
Job Description	

Research Opportunity

Computer Vision on Medical Imaging

Work description

The THOR project (Computer Aided Thoracic Assessment using POCUS) has the main objective of producing a proof of concept of a computer vision prototype for the diagnosis and evaluation of COVID-19 using POCUS.

The work plan associated with this grant focuses on the research and development of innovative

computer vision algorithms, aligned with the objective of improving clinical parameter extraction on cardiac POCUS.

Academic Qualifications

Master

Minimum profile required

- Masters Degree in Biomedical Engineering, Informatics Engineering, Computer Science, or related;
- Masters grade point average equal to or greater than 15/20;
- Experience in deep learning applications;
- Experience in computer vision in medical imaging applications

Maintenance stipend:€ 1259,64, 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". The grant holder will benefit from health insurance, supported by INESC TEC.

Application Period

Since 25 Jul 2024 to 07 Aug 2024

Centre

Biomedical Engineering Research

Scientific Advisor

João Manuel Pedrosa

What we offer

- **Multicultural and collaborative environment**
- A multicultural, international and collaborative environment that makes it easier to exchange

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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**
- 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

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