

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

Direct Link: <https://www.AcademicKeys.com/r?job=242708>

Downloaded On: Oct. 10, 2024 4:55pm

Posted Aug. 5, 2024, set to expire Dec. 5, 2024

<b>Job Title</b>	INESC TEC   Research Grant (AE2024-0279)
<b>Department</b>	CBER
<b>Institution</b>	INESC TEC PORTO, , Portugal
<b>Date Posted</b>	Aug. 5, 2024
<b>Application Deadline</b>	Aug. 7, 2024
<b>Position Start Date</b>	Jul. 25, 2024
<b>Job Categories</b>	Graduate Student
<b>Academic Field(s)</b>	Engineering - Other
<b>Apply Online Here</b>	<a href="https://www.inesctec.pt/en/form/notice/4999">https://www.inesctec.pt/en/form/notice/4999</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

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

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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

**Contact E-mail**    rh@inesctec.pt