

## INESC TEC | Research Grant (AE2024-0150) INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=234920>

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Posted Apr. 19, 2024, set to expire Aug. 19, 2024

<b>Job Title</b>	INESC TEC   Research Grant (AE2024-0150)
<b>Department</b>	HUMANISE
<b>Institution</b>	INESC TEC VILA REAL, , Portugal

<b>Date Posted</b>	Apr. 19, 2024
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<b>Application Deadline</b>	May 6, 2024
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<b>Position Start Date</b>	Apr. 18, 2024
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<b>Job Categories</b>	Graduate Student
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<b>Academic Field(s)</b>	Mechanical Engineering Computer Engineering Engineering - Other
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**Job Description**

Research Opportunity

**Computer Science Engineering**

**Work description**

- Prepare a survey on explainable AI methods;
- Propose and implement explainable AI strategies for methods based on deep learning for analyzing computed tomography images in the context of diagnosing coronary artery disease;
- Evaluate the implemented strategies;
- Perform usability tests;

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- Write the activity report;

### Academic Qualifications

Degree or master degree in computer engineering, biomedical engineering or related field

### Minimum profile required

- Average degree or master degree above 14;
- 1 article published in a peer-reviewed conference or magazine.

### Preference factors

- Experience in the area of medical image analysis;
- Knowledge of AI algorithms;

**Maintenance stipend:** € 990,98 or 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.

### Application Period

Since 18 Apr 2024 to 06 May 2024

### Centre

Human-Centered Computing and Information Science

### Scientific Advisor

Vitor Manuel Filipe

For more information: [Click Here](#)

### Contact Information

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**Contact**

Portugal

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