

## INESC TEC | Research Initiation Grant (AE2024-0154) INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=234925>

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

<b>Job Title</b>	INESC TEC   Research Initiation Grant (AE2024-0154)
<b>Department</b>	CRIIS
<b>Institution</b>	INESC TEC PORTO, , Portugal
<b>Date Posted</b>	Apr. 19, 2024
<b>Application Deadline</b>	May 3, 2024
<b>Position Start Date</b>	Apr. 18, 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/4853">https://www.inesctec.pt/en/form/notice/4853</a>
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<b>Job Description</b>	

Research Opportunity

### Computer vision systems and AI

#### Work description

- Preliminary studies on computer vision systems for recognizing and estimating the 6DoF position of objects;
- Study of artificial intelligence algorithms and their comparison;
- Implementation and testing in a laboratory environment, considering the precise picking of objects by an industrial robot;
- Write the scholarship activity report;

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### **Academic Qualifications**

Master's student in Electrical and Computer Engineering and related areas.

### **Minimum profile required**

Knowledge in programming (C, C++, Python languages), AI, sensors and actuators used in robotics as well as automation systems.

### **Preference factors**

Previous participation in extracurricular and extension activities/training related to automation/robotics and/or computer vision and AI

**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.

### **Application Period**

Since 18 Apr 2024 to 03 May 2024

### **Centre**

Robotics in Industry and Intelligent Systems

### **Scientific Advisor**

Luís Freitas Rocha

For more information: [Click Here](#)

### **Contact Information**

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

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**Contact**

Portugal

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