

INESC TEC | Research Grant (AE2024-0328)
INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=242886>

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Posted Aug. 8, 2024, set to expire Dec. 8, 2024

Job Title	INESC TEC Research Grant (AE2024-0328)
Department	CRIS
Institution	INESC TEC PORTO, , Portugal
Date Posted	Aug. 8, 2024
Application Deadline	Aug. 14, 2024
Position Start Date	Aug. 1, 2024
Job Categories	Graduate Student
Academic Field(s)	Engineering - Other
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Job Description	

Research Opportunity

Industrial Robotics

Work description

- Study and identify state-of-the-art solutions for handling fabrics and flexible objects using a dual arm robot.
- Development of algorithms for planning picking and grasping postures in order to stretch/fold a given fabric.
- Testing in a simulated environment. Production of scientific articles and communication of results.

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Academic Qualifications

Master's degree in Computer Engineering, Electrical Engineering and related areas.

Minimum profile required

- Experience in ROS Frameworks.
- Experience in Industrial Robots programming.
- Experience in artificial vision for robotics.
- Experience in the following programming languages: C# and C++.

Preference factors

Previous experience working with robot simulation software.

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

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Since 01 Aug 2024 to 14 Aug 2024

Centre

Robotics in Industry and Intelligent Systems

Scientific Advisor

[Marcelo Petry](#)

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**
- 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](#)

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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