INESC TEC | Research Initiation Grant (AE2024-0404)
INESC TEC

Job Title	INESC TEC	Research Initiation Grant (AE2024-0404)
Department	CRIIS
Institution	INESC TEC
	PORTO, , Portugal
Date Posted	Sep. 26, 2024
Application Deadline	Oct. 9, 2024
Position Start Date	Sep. 26, 2024
Job Categories	Graduate Student
Academic Field(s)	Engineering - Other
Apply Online Here	https://www.inesctec.pt/en/form/notice/5083
Apply By Email	
Job Description	

Research Opportunities

Industrial Robotics

Work description

1. Bibliographical review / survey of the state of the art in the area of tele-operation of industrial manipulators;

2. Study and implementation of solutions for tele-operation;

3. Study and implementation of an immersive interface based on virtual reality;

4. Testing in a laboratory environment;

5. Writing an activity report.

Academic Qualifications

Enrolled in a Bachelor's degree in Electrical and Computer Engineering or related areas.

Minimum profile required

- Enrolled in a Bachelor's degree in Electrical and Computer Engineering, Computer Engineering, or related areas.
- Proven experience in Robot programming.
- Experience in the following programming languages: C, Python and C++.
- Familiarity with the basic operating principles of sensors used in robotics.
- Familiarity with fundamental robotics principles.

Preference factors

- Knowledge of the ROS framework.
- Participation in extra-curricular activities linked to robotics is valued;

Application Period

Since 26 Sep 2024 to 09 Oct 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