INESC TEC | Research Grant (AE2024-0324)
INESC TEC

Job Title	INESC TEC	Research Grant (AE2024-0324)
Department	CRAS
Institution	INESC TEC
	PORTO, , Portugal
Date Posted	Aug. 7, 2024
Application Deadline	Aug. 14, 2024
Position Start Date	Aug. 1, 2024
Job Categories	Graduate Student
Academic Field(s)	Engineering - Other
Apply Online Here	https://www.inesctec.pt/en/form/notice/5011
Apply By Email	
Job Description	

Research Opportunity

Robotics - Artificial Intelligence

Work description

- Preparation of the digital representation of a photovoltaic plant;
- Incorporation of digital representation in a simulator;
- Development of a dynamic navigation system for UAV;
- Tests and validations in real environments;

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Academic Qualifications

Enrolled in a cycle of studies leading to a Master's degree in Electrical and Computer Engineering or Master's degree in Electrical and Computer Engineering.

Minimum profile required

- Experience on UAVs;
- Knowledge of Pytorch and ROS;
- Master's thesis in the Robotics;

Preference factors

- Programming experience in C/C++ or Python;
- Scientific publications in a magazine or international conference, in Robotics

Maintenance stipend: € 990,98, 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 01 Aug 2024 to 14 Aug 2024

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Centre

Robotics and Autonomous Systems

Scientific Advisor

Andry Maykol Pinto

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

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