

INESC TEC | Research Initiation Grant (AE2024-0302) INESC TEC

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Posted Aug. 26, 2024, set to expire Dec. 26, 2024

Job Title	INESC TEC Research Initiation Grant (AE2024-0302)
Department	HUMANISE
Institution	INESC TEC PORTO, , Portugal
Date Posted	Aug. 26, 2024
Application Deadline	Sep. 6, 2024
Position Start Date	Aug. 25, 2024
Job Categories	Graduate Student Graduate Student
Academic Field(s)	Engineering - Other Engineering - Other
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Job Description	

Research Opportunity

Artificial Intelligence and Computer Vision

Work description

- Update the state of the art in Artificial Intelligence models applied in fire detection;
- Update the state of the art in Artificial Intelligence models in the optimization of unmanned

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vehicles;

- Develop models for fire detection;
- Develop models for fire prediction;
- Develop algorithms to optimize the performance of unmanned aerial vehicles (UAVs);
- Write scientific publications of the results and the report of the activities of the grant.

Academic Qualifications

Degree in computer science, electrical engineering or related area

Minimum profile required

- Ability to read, write and communicate orally in English.

Preference factors

- Research experience in Artificial Intelligence and Computer Vision.

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.

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.

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Application Period

Since 25 Jul 2024 to 06 Sep 2024

Centre

Human-Centered Computing and Information Science

Scientific Advisor

[Eduardo Pires](#)

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.

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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