INESC TEC | Post Doctoral Research Grant (AE2025-0150)
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Job Title	INESC TEC	Post Doctoral Research Grant (AE2025-0150)
Department	CRIIS
Institution	INESC TEC
	PORTO, , Portugal
Date Posted	Mar. 31, 2025
Application Deadline	Apr. 9, 2025
Position Start Date	Mar. 27, 2025
Job Categories	Graduate Student
Academic Field(s)	Engineering - Other
	Computer Science
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Apply By Email	
Job Description	

Research Opportunities

Artificial intelligence and remote observation for IoT and Robotics

Work description

The TRIBE LAB Laboratory - Robotics and IoT for precision agriculture and forestry has been working on robotic and IoT technology that needs to be integrated with a decision support system, to increase its autonomy and impact. In this context, the aim is to explore new projects, publications and concepts

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integrating Artificial Intelligence and data provided by satellites, drones, robots and IoT to obtain prescription, productivity and action maps, which can support the farmer in his decision-making, as well how to automate the connection between the decision support system and robots.

Academic Qualifications

- PhD in agricultural production chains, computer sciences, engineering and similar.

Minimum profile required

- Experience with geographic information systems.
- More than 10 scientific publications in indexed journals.
- Proven experience in using machine learning techniques using Python.

Preference factors

- Proven experience with Pandas, Seaborn, Matplotlib and Numpy.
- Carrying out work with the agriculture and forestry sector.

Maintenance stipend: € 1851,00, 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".

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The grant holder will benefit from health insurance, supported by INESC TEC.

Application Period

Since 27 Mar 2025 to 09 Apr 2025

Centre

Robotics in Industry and Intelligent Systems

Scientific Advisor

Filipe Neves Santos

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**

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- Annual informal events, such as the multicultural party.

For more information: Click Here

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