

INESC TEC | Post Doctoral Research Grant (AE2025-0124)
INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=254667>

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Posted Mar. 21, 2025, set to expire Jul. 21, 2025

Job Title	INESC TEC Post Doctoral Research Grant (AE2025-0124)
Department	LIAAD
Institution	INESC TEC PORTO, , Portugal
Date Posted	Mar. 21, 2025
Application Deadline	Apr. 2, 2025
Position Start Date	Mar. 20, 2025
Job Categories	Graduate Student
Academic Field(s)	Engineering - Other Computer Science
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Job Description	

Research Opportunities

Artificial Intelligence

Work description

- Identify potential poisoning vulnerabilities in the use of federated learning with respect to attacks, in particular poisoning attacks.
- Consider scenarios with time series and movement data.

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- Propose and evaluate solutions for attack detection and mitigation.
- Submit a paper in conference.

Academic Qualifications

- PhD in Computer Science, Informatics Engineering, Artificial Intelligence or Data Science.

Minimum profile required

- Research experience with time series and federated learning.

Preference factors

- Publications in Machine Learning (at least 1 journal publication as first author in AI in a Q2 or upper journal – scimago, at least 2 conference papers in CORE).

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".

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

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Application Period

Since 20 Mar 2025 to 02 Apr 2025

Centre

Artificial Intelligence and Decision Support

Scientific Advisor

[Alípio Jorge](#)

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