

INESC TEC | Research Initiation Grant (AE2024-0353) INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=243238>

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Posted Aug. 16, 2024, set to expire Dec. 16, 2024

Job Title	INESC TEC Research Initiation Grant (AE2024-0353)
Department	CPES
Institution	INESC TEC PORTO, , Portugal
Date Posted	Aug. 16, 2024
Application Deadline	Aug. 23, 2024
Position Start Date	Aug. 8, 2024
Job Categories	Graduate Student
Academic Field(s)	Engineering - Other
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Job Description	

Research Opportunity

Work description

- 1 - Study of data processing techniques using Python libraries.
- 2 - Research in the literature on distribution networks with characterization in the public domain.
- 3 - Research and data processing of consumption and production for distribution networks.
- 4 - Conversion of the identified network characteristics to a representation according to a common

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model.

5 - Creation of a repository for consultation and respective usage instructions.

Minimum profile required

- Basic knowledge of machine learning;
- Advanced knowledge of a programming language (e.g., Python, R, C++)

Preference factors

- Experience in developing and applying machine learning algorithms to engineering problems.
- Experience in software version control tools (preferably Git).
- Fluency in English (written and spoken).

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.

Application Period

Since 08 Aug 2024 to 23 Aug 2024

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Centre

Power and Energy Systems

Scientific Advisor

[Gil Silva Sampaio](#)

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- **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.
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- 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