

INESC TEC | Research Initiation Grant (AE2025-0425) INESC TEC

Direct Link: https://www.AcademicKeys.com/r?job=262968

Downloaded On: Nov. 30, 2025 7:52pm Posted Oct. 15, 2025, set to expire Jan. 25, 2026

Job Title INESC TEC | Research Initiation Grant (AE2025-

0425)

Department CPES

Institution INESC TEC

PORTO, , Portugal

Date Posted Oct. 15, 2025

Application Deadline Oct. 25, 2025

Position Start Date Available immediately

Job Categories Graduate Student

Academic Field(s) Engineering - Other

Computer Science

Computer Engineering

Electrical and/or Electronics

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Job Description

Research Opportunities

Programming, Computer engineering

Work description



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The goal of this research is to evaluate how Large Language Models (LLMs) can be leveraged to address forecasting challenges in the energy sector, specifically those that can be framed as sequence-to-sequence problems.

The grant holder will explore different strategies on prompt engineering, compare the potential of different LLM's and create a methodology that can be replicable to multiple challenges for the energy sector.

Academic Qualifications

• Electrical Engineering, Informatics, Computer Science or similar courses

Minimum profile required

- Programming experience in Python.
- Basic understanding of machine learning concepts.
- Experience using data science tools (e.g., pandas, scikit-learn, matplotlib).
- Familiarity with version control systems (Git)

Preference factors

- Familiarity with Large Language Models (e.g., Mistral, LLaMA).
- Understanding of machine learning workflows and forecasting methods.
- Python oriented to data manipulation and analytics.

Application Period

Since 25 Sep 2025 to 25 Oct 2025

Centre

Power and Energy Systems

Scientific Advisor

José Ricardo Andrade

What we offer



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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.

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

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