

INESC TEC | Research Initiation Grant (AE2024-0377) INESC TEC

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Posted Sep. 12, 2024, set to expire Jan. 12, 2025

Job Title	INESC TEC Research Initiation Grant (AE2024-0377)
Department	CPES
Institution	INESC TEC PORTO, , Portugal
Date Posted	Sep. 12, 2024
Application Deadline	Sep. 25, 2024
Position Start Date	Sep. 12, 2024
Job Categories	Graduate Student
Academic Field(s)	Engineering - Other Computer Science Electrical and/or Electronics
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Job Description	

Research Opportunities

Computer Science Engineering - APIs developer

Work description

- Learning the operating concept of the modules developed within the scope of the project;
- Technical design of APIs for grid operation and load forecasting modules;

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- Development of APIs to support electrical grid operation and load forecasting modules on the NEXUS platform;
- Prepare a scientific report on activities and write scientific articles.

Academic Qualifications

Education in electrical engineering, computer science, applied mathematics, computer science or similar.

Minimum profile required

- Basic knowledge in the development of APIs;
- Knowledge in the Python programming language;
- Fluency in English (written and spoken).

Preference factors

- Experience in the Python programming language.
- Knowledge in API development;
- Knowledge in docker containers;
- Knowledge of backend and frontend programming.

Application Period

Since 12 Sep 2024 to 25 Sep 2024

Centre

Power and Energy Systems

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Scientific Advisor

[Tiago André Soares](#)

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.

For more information: [Click Here](#)

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

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Contact

Portugal

Contact E-mail rh@inesctec.pt