# INESC TEC | Research Grant (AE2024-0242)
# INESC TEC

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| **Job Title** | INESC TEC | Research Grant (AE2024-0242) |
| **Department** | CPES |
| **Institution** | INESC TEC |
| | PORTO, , Portugal |
| **Date Posted** | Jul. 11, 2024 |
| **Application Deadline** | Aug. 10, 2024 |
| **Position Start Date** | Jul. 11, 2024 |
| **Job Categories** | Graduate Student |
| **Academic Field(s)** | Engineering - Other |
| **Apply Online Here** | https://www.inesctec.pt/en/opportunities/computer-science-engineering-apis-developer-AE2024-0242#intro |
| **Apply By Email** | |
| **Job Description** | |

Research Opportunity

**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;
- 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.

**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.

**Maintenance stipend:**€ 990,98 or 1259,64, 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 11 Jul 2024 to 10 Aug 2024

**Centre**

Power and Energy Systems

**Scientific Advisor**

Tiago André Soares

## INESC TEC | Research Grant (AE2024-0242)
## INESC TEC

**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.

**Contact**

Portugal

**Contact E-mail**     rh@inesctec.pt