# INESC TEC | Research Initiation Grant (AE2024-0535)
## INESC TEC

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| **Job Title** | INESC TEC | Research Initiation Grant (AE2024-0535) |
| **Department** | CESE |
| **Institution** | INESC TEC |
| | PORTO, , Portugal |
| **Date Posted** | Dec. 13, 2024 |
| **Application Deadline** | Dec. 26, 2024 |
| **Position Start Date** | Dec. 12, 2024 |
| **Job Categories** | Graduate Student |
| **Academic Field(s)** | Computer Science |
| | Engineering - Other |
| **Apply Online Here** | https://www.inesctec.pt/en/form/notice/5208 |
| **Apply By Email** | |
| **Job Description** | |

Research Opportunities

**Artificial Intelligence; Information Extraction**

**Work description**

The training area of the scholarship is Artificial Intelligence, with a focus on the field of multi-modal information extraction from documents. In particular, a central component of the work will be the identification and characterisation of models with potential application in this field, and the development

of a benchmark for the automatic and objective evaluation of these models. Specifically, the main activities to be carried out by the scholarship holder are:

- Systematically researching, analysing and characterising models with applicability to the problem of information extraction, with a focus on multi-modal models.
- Creating a diverse documentary database, and the corresponding manual extraction and structured storage of relevant information, in order to create a benchmark for the objective and automatic evaluation of models.
- Collaborating in the implementation of a pipeline for the extraction of documentary information, with the respective performance evaluation, in accordance with the benchmark defined in the previous point.
- Collaborating in the writing of technical-scientific documents and the writing of the scholarship activity report.

**Academic Qualifications**

- A student studying computer engineering, information systems or a related area;

**Preference factors**

- Experience in using machine learning and/or data analysis tools and techniques, particularly for extracting information.
- Experience in developing decision support systems.

**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.

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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 12 Dec 2024 to 26 Dec 2024

## Centre

Enterprise Systems Engineering

## Scientific Advisor

Davide Rua Carneiro

## 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