

INESC TEC | Research Initiation Grant (AE2024-0482) INESC TEC

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Posted Nov. 15, 2024, set to expire Mar. 17, 2025

Job Title	INESC TEC Research Initiation Grant (AE2024-0482)
Department	HUMANISE
Institution	INESC TEC PORTO, , Portugal
Date Posted	Nov. 15, 2024
Application Deadline	Nov. 27, 2024
Position Start Date	Nov. 14, 2024
Job Categories	Graduate Student
Academic Field(s)	Engineering - Other Computer Science
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Job Description	

Research Opportunities

Software Engineering

Work description

- Develop the requirements specification for a software module that enables the use of large language models (LLM).
- Research solutions and implement communication interfaces between systems.

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- Implementing the software module.
- Write the grant activity report

Academic Qualifications

- Degree in Informatics Engineering or similar

Minimum profile required

- Experience in the use of containerization technologies (e.g., Docker), either academically or professionally.
- Knowledge of relational databases (e.g., PostgreSQL) and high-performance databases (e.g., Redis).
- Knowledge in remote environment development and version control tools and methodologies

Preference factors

- Knowledge of C/C++, Python, JavaScript, and Java programming languages.
- Experience with development frameworks such as Spring Boot, Django, and React.
- Good performance in programming and software engineering courses.
- Knowledge of machine learning development frameworks: PyTorch and TensorFlow.
- Experience in projects related to the concept of Digital Twins.

Application Period

Since 14 Nov 2024 to 27 Nov 2024

Centre

Human-Centered Computing and Information Science

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Scientific Advisor

[Nelson Bilber Rodrigues](#)

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

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