

INESC TEC | Research Grant (AE2025-0166)
INESC TEC

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Posted Apr. 11, 2025, set to expire Aug. 11, 2025

Job Title	INESC TEC Research Grant (AE2025-0166)
Department	HUMANISE
Institution	INESC TEC PORTO, , Portugal
Date Posted	Apr. 11, 2025
Application Deadline	Apr. 24, 2025
Position Start Date	Apr. 10, 2025
Job Categories	Graduate Student
Academic Field(s)	Engineering - Other
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Job Description	

Research Opportunities

Computer Science

Work description

- Review literature on synthetic clinical text evaluation.
- Define the evaluation criteria (e.g., linguistic quality, semantic accuracy, clinical plausibility, diversity) and select or develop appropriate metrics.
- Conduct the automatic evaluation of the synthetic dataset using pre-defined metrics.
- Design a manual annotation and review protocol in collaboration with medical students, including

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annotation guidelines and evaluation rubrics.

- Develop a web-based application to facilitate the crowd-based evaluation of synthetic clinical notes by medical students.
- Coordinate a manual evaluation process involving medical students to validate the clinical notes.
- Analyze results from both evaluation modalities to draw insights on the strengths and limitations of LLM-generated clinical notes.
- Document the methodology and results in a scientific article.

Academic Qualifications

- Degree in Computer science or similar.

Minimum profile required

- Have Portuguese as a native language.
- Ability to read, write and speak in English.

Preference factors

- Knowledge of NLP.

Maintenance stipend: € 1040.98, 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".

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The grant holder will benefit from health insurance, supported by INESC TEC.

Application Period

Since 10 Apr 2025 to 24 Apr 2025

Centre

Human-Centered Computing and Information Science

Scientific Advisor

[Carla Lopes](#)

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**

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- 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