

INESC TEC | Research Grant (AE2024-0217)
INESC TEC

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Posted Nov. 22, 2024, set to expire Mar. 24, 2025

Job Title	INESC TEC Research Grant (AE2024-0217)
Department	CBER
Institution	INESC TEC PORTO, , Portugal
Date Posted	Nov. 22, 2024
Application Deadline	Dec. 4, 2024
Position Start Date	Nov. 21, 2024
Job Categories	Graduate Student
Academic Field(s)	Engineering - Other
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Job Description	

Research Opportunities

Computer Vision on Medical Imaging

Work description

The European project AI4LUNGS (AI-based personalised care for respiratory disease using multi-modal data in patient stratification) has the goal to develop computational models based in Artificial Intelligence to optimize the diagnosis and treatment of pulmonary disease.

The workplan will focus on the aspect of detection and characterization of radiological findings related

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to each of the respiratory diseases targeted by the project.

Academic Qualifications

- Mestrado

Minimum profile required

- Masters Degree in Biomedical Engineering, Informatics Engineering, Eletrotechnical Engineering, Computer Science, or related;
- Masters grade point average equal to or greater than 16/20;
- Minimum 1 indexed peer-reviewed publication (SCOPUS);
- Experience in Python and MATLAB;
- Experience in computer vision in medical imaging applications.

Application Period

Since 21 Nov 2024 to 04 Dec 2024

Centre

Biomedical Engineering Research

Scientific Advisor

[João Manuel Pedrosa](#)

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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