

INESC TEC | Research Grant (AE2024-0127)

INESC TEC

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Posted Mar. 25, 2024, set to expire Jul. 21, 2024

Job Title	INESC TEC Research Grant (AE2024-0127)
Department	CBER
Institution	INESC TEC
	PORTO, , Portugal

Date Posted	Mar. 25, 2024
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Application Deadline	Apr. 4, 2024
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Position Start Date	Mar. 21, 2024
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Job Categories	Graduate Student
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Academic Field(s)	Engineering - Other
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Job Description

Research Opportunity

Computer Vision in Medical Imaging

Work description

Development of strategies for the automatic analysis of computed tomography images to improve the prediction of coronary artery disease (CAD).

The work plan of this grant consists of the development of deep learning methods for the prediction of CAD, namely through the development of automatic methods for the detection of calcifications,

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anatomical structure segmentation and/or artificial generation of computed tomography images.

Academic Qualifications

MSc in Biomedical Engineering, Informatics Engineering, Computer Science, or related;

Minimum profile required

- MSc grade point average equal to or greater than 14/20;
- Experience in computer vision and/or deep learnin

Preference factors

- Experience in Python and PyTorch/Keras;

Application Period

Since 21 Mar 2024 to 04 Apr 2024

Centre

Biomedical Engineering Research

Scientific Advisor

[João Manuel Pedrosa](#)

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For more information: <https://www.inesctec.pt/en/opportunities/computer-vision-in-medical-imaging-AE2024-0127>

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