

INESC TEC | Research Initiation Grant (AE2024-0126)
INESC TEC

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

Job Title	INESC TEC Research Initiation Grant (AE2024-0126)
Department	CTM
Institution	INESC TEC PORTO, , Portugal
Date Posted	Mar. 25, 2024
Application Deadline	Apr. 11, 2024
Position Start Date	Mar. 21, 2024
Job Categories	Graduate Student
Academic Field(s)	Engineering - Other
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Job Description	

Research Opportunity

Telecommunications

Work description

- Survey the state of the art in emerging wireless networks, including their simulation using real data assimilation, machine learning, and digital twin approaches;
- Collaborate in the writing of technical reports on communications protocols, algorithms, and mechanisms developed;

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- Develop new modules enabling the simulation and/or experimentation of emerging wireless networks;
- Write publications in co-authorship within the scope of the work developed;
- Write the final activity report of the grant

Academic Qualifications

Student in Electrical Engineering or similar

Minimum profile required

- Solid knowledge in TCP/IP stack and Linux;
- Programming skills in C++ and Python.

Preference factors

- Knowledge in IEEE 802.11, 5G and IoT technologies;
- Knowledge in discrete event-driven simulation.

Application Period

Since 21 Mar 2024 to 11 Apr 2024

Centre

Telecommunications and Multimedia

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Scientific Advisor

[Hélder Martins Fontes](#)

For more information: <https://www.inesctec.pt/en/opportunities/telecommunications-AE2024-0126>

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

Portugal

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