

INESC TEC | Research Initiation Grant (AE2024-0418) INESC TEC

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Posted Oct. 11, 2024, set to expire Feb. 10, 2025

Job Title	INESC TEC Research Initiation Grant (AE2024-0418)
Department	CESE
Institution	INESC TEC PORTO, , Portugal
Date Posted	Oct. 11, 2024
Application Deadline	Oct. 23, 2024
Position Start Date	Oct. 10, 2024
Job Categories	Graduate Student
Academic Field(s)	Engineering - Other
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Job Description	

Research Opportunities

Design and evaluation of production systems

Work description

- Introduction to the research, context and specific objectives;
- Review of the state of the art and identification of the main research gaps and SW solutions;
- Characterisation of the problem to be addressed;
- Design and development of a software tool capable of complementing a framework for the

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evaluation and design of manufacturing systems (with existing methodology), cross-referencing product and process characteristics;

- Testing and development of demonstration prototypes.
- Writing the grant activity report.

Academic Qualifications

Master's degree student in computer engineering or related field;

Minimum profile required

Average grade in computer engineering or equivalent equal to or higher than 14.

Preference factors

- Experience in software development (front-end and back-end).
- In-depth knowledge of the python programming language and software architectures.
- Team spirit, leadership and autonomy.

Maintenance stipend: € 601,12, 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".

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

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Application Period

Since 10 Oct 2024 to 23 Oct 2024

Centre

Enterprise Systems Engineering

Scientific Advisor

[Romão Filipe Santos](#)

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.

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Contact Information

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

Contact

Portugal

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