

## INESC TEC | Research Initiation Grant (AE2024-0447) INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=248157>

Downloaded On: Nov. 21, 2024 6:26pm

Posted Nov. 4, 2024, set to expire Mar. 6, 2025

|                             |                                                                                                       |
|-----------------------------|-------------------------------------------------------------------------------------------------------|
| <b>Job Title</b>            | INESC TEC   Research Initiation Grant (AE2024-0447)                                                   |
| <b>Department</b>           | HUMANISE                                                                                              |
| <b>Institution</b>          | INESC TEC<br>PORTO, , Portugal                                                                        |
| <b>Date Posted</b>          | Nov. 4, 2024                                                                                          |
| <b>Application Deadline</b> | Nov. 14, 2024                                                                                         |
| <b>Position Start Date</b>  | Oct. 31, 2024                                                                                         |
| <b>Job Categories</b>       | Graduate Student<br>Graduate Student                                                                  |
| <b>Academic Field(s)</b>    | Computer Science<br>Computer Science<br>Engineering - Other<br>Engineering - Other                    |
| <b>Apply Online Here</b>    | <a href="https://www.inesctec.pt/en/form/notice/5131">https://www.inesctec.pt/en/form/notice/5131</a> |
| <b>Apply By Email</b>       |                                                                                                       |
| <b>Job Description</b>      |                                                                                                       |

Research Opportunities

**Informatics Engineering and Computer Science**

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#### Work description

- Development of a software dashboard for cataloging modular bioinformatics processing pipelines, allowing the user to visually describe processing sequences, based on Web technologies and a scientific workflow system.
- Define the requirements for the software application;
- Implement the software module and respective documentation;
- Perform usability and validation tests of the module;
- Write the grant activity report.

#### Academic Qualifications

Degree in Degree in Informatics and Computing Engineering or similar

#### Minimum profile required

- Proven experience with the Python 3+ programming language;
- Proved experience with Full-stack Web technologies;
- Experience with the TypeScript programming language;
- Degree average greater than or equal to 13 (scale from 0-20);

#### Preference factors

- Experience with the Docker software delivery system;
- Experience with the FastAPI framework;
- Experience with the Nextflow workflow language;
- Experience in collaborative environments where teamwork is a factor;
- Excellent performance in programming, software development course units.

**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

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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.

### Application Period

Since 31 Oct 2024 to 14 Nov 2024

### Centre

Human-Centered Computing and Information Science

### Scientific Advisor

[Alexandre Almeida Costa](#)

### 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.

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- **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