

Job offer

JOB PORTUGAL EXPIRES SOON

LIP - Laboratório de Instrumentação e Física Experimental de Partículas | Posted on: 15 January 2025

Junior Software Engineer

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STATUS: EXPIRED

15 Jan 2025

Job Information

Organisation/Company	LIP - Laboratório de Instrumentação e Física Experimental de Partículas
Department	LISBON
Research Field	Computer science
Researcher Profile	Other Profession
Positions	Other Positions
Country	Portugal
Application Deadline	4 Feb 2025 - 17:00 (Europe/Lisbon)
Type of Contract	Temporary
Job Status	Full-time
Hours Per Week	35
Offer Starting Date	17 Feb 2025
Is the job funded through the EU Research Framework Programme?	Not funded by a EU programme
Reference Number	2024.07615.IACDC
Is the Job related to staff position within a Research Infrastructure?	No

Offer Description

The Laboratory of Instrumentation and Experimental Particle Physics (LIP) is opening a selection tender for one Data Scientist for research activities in the scientific subject of Computational Sciences, Data Science, and Artificial Intelligence applied to earth observation, in the framework of the project "Parceria Agricultura dos dados - espaço de dados piloto" (2024.07615.IACDC), financed by the PRR, within the scope of the investment "RE-C05-i08 - More Digital Science", measure "RE-C05-i08. m03 - Support a program of R&D projects for development and implementation of advanced cybersecurity, artificial intelligence and data science systems in public administration, as well as a scientific capacitation program", within the scope of the agreement between the Recover Portugal Mission Structure and the Foundation for Science and Technology (FCT, I.P.), as an intermediary beneficiary.

The recruited candidates will integrate a project focused on implementing a pilot installation for processing and sharing of data relevant to the public sector, featuring deep learning and data analytics capabilities, and including new AI/ML applications. The project also includes integrating applications that will be connected to the data space to exploit the data analysis to support decision-making. The application will be the: Automatic culture identification and Monitorization of Soil Satus using satellite data.

Workplace: Lisbon, Portugal.

The candidate should have an educational background in Computer Science or a related area (electronic Information Systems)

Work plan:

1. Development of API's (backend and/or Frontend) tailored for earth observation
2. Development of a Visualization Framework tailored for Earth Observation
3. Development of ML/AI pipelines for earth observation.
4. Participation and development of activities related to the project in coordination with other colleagues and researchers;

Duration: The contract (non-fixed term contract) will have a foreseen duration of 12 months, with a starting date on 17/02/2025

The research project will be conducted at LIP under the scientific supervision of Jorge Gomes.

Candidates can apply by sending the following documentation, in English/Portuguese:

- Short CV detailing the skills and qualifications described in this advertisement
- Other documents the candidate considers relevant for their application

Applications should be sent as pdf files to the email address: natalia@lip.pt

Where to apply

E-mail natalia@lip.pt

Requirements

Research Field Computer science

Education Level Bachelor Degree or equivalent

Skills/Qualifications

The candidate should have an educational background in Computer Science with a background on API's and FrondEnd / Backend development.

Specific Requirements

- Strong knowledge on Python
- Development of web (html, css, javascript)
- Data Bases (SQL)
- Web interfaces RESTful interfaces/API's
- Good communication skill on English
- Strong communication and collaboration skills in multidisciplinary and international environments

Languages ENGLISH

Level Excellent

Research Field Computer science

Years of Research Experience 1 - 4

Additional Information

Benefits

Gross monthly remuneration (before tax and social security contributions) starts at 2294,95 Euros, corresponding to level 33 of the National Remuneratory Table. This amount can be adjusted according to the experience of the selected candidates

Eligibility criteria

Any national, foreign, or stateless candidates who hold an academic or professional curriculum whose profile is suited for the activity to be performed can submit their applications.

All candidates who formalize their applications in an improper way or fail to prove the requirements imposed by this tender are excluded from admission. In case of doubt, the panel is entitled to request any candidate to present further documentation supporting his/her statements. False statements provided by the candidates shall be punished by law.

In the event the degree was awarded by a foreign higher education institution, the degree must comply with the provisions of Decree-Law no. 341/2007 of 12th October by the application deadline.

Selection process

The tender selection panel shall be formed by:

- Dr. João Pina (LIP)
- Dr. Mário David (LIP)
- Eng. Jorge Gomes (LIP)

Evaluation criteria are the following:

Evaluation of the CV of the candidates, namely their educational background and past experience.

Each member of the panel will value the criteria for each candidate, taking into account the requirements of the duties to be performed, the adequacy of previous experience, his/her relationship to the relevant areas and sub-areas.

The selection will consider the applicant's Curriculum Vitae (60%) and Interview (40%)

Additional comments

Equality and non-discrimination Policy

We are committed to promoting equality and preventing discrimination, and welcome applications of all qualified candidates irrespective of their age, disability, gender, marital status, pregnancy, maternity, gender identity, race, colour, nationality, ethnicity or national origin, sexual orientation, religion or belief, social background or culture or trade union membership.

Website for additional job details

<https://www.lip.pt/?section=about&page=recruitment>
<https://www.linkedin.com/jobs/view/4121391559/>

Work Location(s)

Number of offers available	1
Company/Institute	LIP - Laboratório de Instrumentação e Física Experimental de Partículas
Country	Portugal
State/Province	LISBON
City	LISBON
Geofield	




Contact

City	LISBON
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