Job offer

JOB   PORTUGAL

LIP - Laboratório de Instrumentação e Física Experimental de Partículas | Posted on: 7 February 2025

Research Technician (Master) - SPAC Group

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7 Feb 2025

Job Information

Organisation/Company	LIP - Laboratório de Instrumentação e Física Experimental de Partículas
Department	LISBON
Research Field	Computer science » Other
Researcher Profile	Other Profession
Positions	Master Positions
Country	Portugal
Application Deadline	21 Feb 2025 - 17:00 (Europe/Lisbon)
Type of Contract	Temporary
Job Status	Full-time
Hours Per Week	35
Offer Starting Date	1 Mar 2025
Is the job funded through the EU Research Framework Programme?	NextGenerationEU
Reference Number	2024.07331.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 vacancy for a **Research Technician** for research activities in the scientific subject of Computational Sciences, Data Science, and Artificial Intelligence applied to health, in the framework of the project "HealthDisrupt: A public health tool to monitor the impact of disruptive events in nationwide health diagnoses" (2024.07331.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 candidate will integrate a project focused on data analysis to support decision making in public health, joining a multidisciplinary and diverse research team in a collegial and collaborative environment.

The candidate should have an educational background in Applied Mathematics, Statistics Biology, Computational Biology or similar.

The candidate should have previous experience (at least 1 year) working on research projects in the subject areas of data science, preferably applied to health. Previous experience in data analysis in a medical setting, as well as experience in public health projects is strongly preferred.

Workplan:

The chosen candidate will perform the following tasks:

1. Analysis and development of databases containing medical and non-medical information;
2. Participation and development of activities related to the project in coordination with other colleagues and researchers;
3. Participation in activities related to the goals of the project, namely those related to the management of databases, model construction and training, and the design of tools intended to share knowledge with the public administration patterns.

The research project will be conducted at LIP under the scientific supervision of Dra. Lília Perfeito.

Duration: The non-fixed term contract has a foreseen duration of 8 months, with a starting date on the 1st of March 2025 (to be negotiated). The contract may be renewed, until the maximum foreseen in the project.

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

- Motivation letter (1 page maximum)
- Curriculum Vitae detailing the skills and qualifications described in this advertisement
- Certificate or diploma copy, including recognition of foreign diploma, if applicable
- Contacts of 2 references
- 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	Master Degree or equivalent

Skills/Qualifications

The ideal candidate should also have:

- Experience in using programming languages such as Python and R, and data analysis software (e.g., GIS, PostgreSQL, Microsoft Power BI).
- Relevant academic background, preferably with a master's degree in Mathematics, Statistics, Data Science, Information Management, or related fields.
- Proven experience in using data and models models in health, epidemiology, and/or public health.
- Strong communication and collaboration skills in multidisciplinary and international environments.

The candidate must be fluent in English and Portuguese and be able to use both in a professional setting (equivalent to level C2).

Specific Requirements

The candidate should have previous experience (at least 1 year) working on research projects in the subject areas of data science, preferably applied to health. Previous experience in data analysis in a medical setting, as well as experience in public health projects is strongly preferred.

Languages	ENGLISH
Level	Excellent
Languages	PORTUGUESE
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 **1495,20Euros** (level 17 of the National Remuneratory Table)

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:

- Doctor Lília Perfeito (LIP)
- Prof. Joana Gonçalves de Sá (LIP)
- Prof. Nuno Castro (LIP)
- Paulo Almeida (LIP) (substitute)

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 their motivation letter (40%).

High-ranking candidates might be called for an interview, and the final decision will be based on the interview score alone.

After applying the selection criteria, the panel will prepare an ordered list of the approved candidates and their corresponding classification. In case none of the candidates can demonstrate suitable skills or background, the panel will not select any candidate.

Advertising / notification of results:

The results of the evaluation will be communicated by email; in case of disagreement, the candidates have a period of 10 working days to contest the decision, as provided for in the Code of Administrative Procedure in a preliminary hearing. At the end of this period, the arguments presented will be analysed by the jury committee, who will simultaneously communicate the final decision to all the candidates who submitted allegations. The final results of the shortlisted applicants will be communicated by e-mail. In case of disagreement, the candidates have a period of 15 working days to contest the decision.

Additional comments

Non-discrimination and equal access policy: LIP actively promotes a non-discrimination and equal access policy, wherefore no candidate can be privileged, benefited, impaired or deprived of any rights whatsoever, or be exempt of any duties based on their ancestry, age, sex, sexual preference, marital status, family and economic conditions, instruction, origin or social conditions, genetic heritage, reduced work capacity, disability, chronic illness, nationality, ethnic origin or race, origin territory, language, religion, political or ideological convictions and union membership.

Website for additional job details	https://www.lip.pt/?section=about&page=recruitment

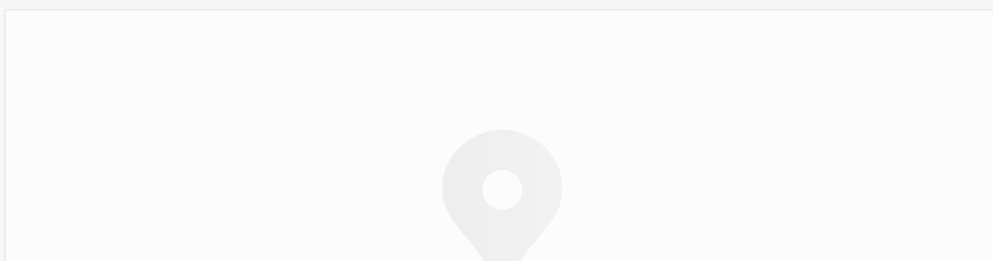# Work Location(s)

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
Website	http://www.lip.pt
Street	Av. Prof. Gama Pinto, nº 2
Postal Code	1649-003
E-Mail	natalia@lip.pt

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