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Job offer

[Faculdade de Ciências da Universidade de Lisboa](#) | Posted on: 6 March 2025

RESEARCH GRANT FOR a PhD student (Ref.ª BI-DOUTORANDO-I2DT)

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6 Mar 2025

Job Information

Organisation/Company	Faculdade de Ciências da Universidade de Lisboa
Research Field	Engineering » Computer engineering
Researcher Profile	First Stage Researcher (R1)
Positions	Master Positions
Country	Portugal
Application Deadline	20 Mar 2025 - 23:59 (Europe/Lisbon)
Type of Contract	Other
	Other

Type of Contract Extra Information

Job Status   Full-time

Is the job funded through the EU Research Framework Programme?   Not funded by a EU programme

Is the Job related to staff position within a Research Infrastructure?   No

Offer Description

At the Faculty of Sciences of the University of Lisbon (FCUL), a call is open for the attribution of 1 (one) research grant for a PhD student, financed by LISBOA 2030 – Programa Regional de Lisboa, within PORTUGAL 2030, through FEDER funds, under the scope of the Project to internationalise industrial R&D on a European scale, namely the Project "I2DT - Intelligent Interoperable Digital Twins" (LISBOA2030-FEDER-00389100), according to the following conditions:

Work plan:

- The successful candidate will contribute to developing a context-aware machine learning-based predictive framework to be used in the context of applications to automate buildings' energy management. Additionally, the candidate will contribute to defining semantic models for the automated orchestration of involved computational workflows.

Fellowship duration:

The grant is expected to start in April 2025. The contract will have a duration of six (6) months, on an exclusive basis, without the possibility of renewal.

Form of presentation of applications:

Applications may be sent by e-mail to candidaturas@ciencias.ulisboa.pt, with the reference " Ref.ª BI-DOUTORANDO-I2DT ", under penalty of not being considered for the competition.

Applications must be accompanied, compulsorily and under penalty of exclusion, by the following documents. No document, which must be submitted at the time of application, may be submitted after the deadline for submission:

- Personal data form and declaration of consent for communication of results via e-mail;
- Declaration under oath;
- Proof of enrolment, in the academic year 2024/2025, in a Doctorate in Computer Science
- Detailed and updated Curriculum Vitae;
- Photocopy of the qualification certificate(s) of the academic degree(s) required;
- If the academic degree required in the present announcement as an admission requirement for the type of scholarship in question was obtained abroad, you must submit one of the following documents: (See also the NOTES below)
    - Document proving the granting, by a Portuguese Institution, of the recognition or equivalence or registration of the academic degree;
    - Document proving that you have already applied for the recognition of the degree, which application must be submitted by the deadline for receipt of applications, inclusive.

Notes:

1) The presentation of the proof of obtaining the recognition or equivalence or registration of the academic degree is a mandatory condition for signing the contract;

2) For academic degrees obtained in foreign countries which have not yet obtained either recognition or equivalence or registration of the degree, it is necessary to recognise it under the terms provided for in Decree-Law no. 66/2018, of 16 August, combined with Ordinance no. 33/2019, of 25 January, as currently amended.

Where to apply

E-mail	candidaturas@ciencias.ulisboa.pt

Requirements

Research Field	Engineering » Computer engineering
Education Level	Master Degree or equivalent

Skills/Qualifications

Candidates must fulfil the following mandatory requirements:

- Master's degree in Computer Science, Machine Learning or Electrical and Electronic Engineering;
- Enrollment, in the academic year 2024/2025, in a Doctorate in Computer Science;
- Experience in programming languages and tools, such as Python, PyTorch, TensorFlow, C/C++, Java, Cloud Computing Frameworks, and Systems Integration and Engineering.

If the academic degree required by the present announcement as an admission requirement for the type of grant in question was obtained abroad, the requirements mentioned in point "Form of presentation of applications" of this announcement regarding the qualification certificates shall be taken into consideration.

Specific Requirements

Preference will be given to candidates with the following requirements:

- Experience in semantic modelling for the orchestration of computational workflows and applications in building energy modelling and optimization;
- Experience with context information models using knowledge graphs;
- Enrolment, in the academic year 2024/2025, in the PhD in Informatics at the Faculty of Sciences of the University of Lisbon.

Languages	ENGLISH
Level	Excellent

Languages	PORTUGUESE
Level	Excellent

Internal Application form(s) needed

Formulários.pdf

English (528.23 KB - PDF)
Download ⬇ *(https://euraxess.ec.europa.eu/sites/default/files/jobs/2025-03/Formul%C3%A1rios.pdf)*

Additional Information

Benefits

Monthly allowance and social security:

- The fellowship amount corresponds to € 1 309,64 (one thousand three hundred and nine euros and sixty-four centimes), according to FCT Regulation for Research Fellowships, published by Regulation no. 950/2019 in the Diário da República, 2nd series, no. 241, of 16th of December, amended by Regulation No. 643/2021, published in the Diário da República, 2nd Series, No. 135, of 14 July, and available in the link:

https://www.fct.pt/wp-content/uploads/2025/02/Tabela_valores_SMM_2025.pdf

It will be paid monthly by bank transfer;

The candidate to be hired may exercise his right to social insurance by joining the voluntary social insurance scheme under the terms of the Statute of the Research Fellowship. The financing entities assume the costs resulting from the contributions provided for this Social Insurance, according to the Statute of the Research Fellowship.

Selection process

Selection criteria:

The applicable selection methods will be curricular evaluation and, eventually, a selection interview.

If the jury chooses to conduct a selection interview, it will be conducted with the three (3) candidates with the best classification in the curricular assessment.

In the event that the selection interview is held, the final evaluation will be obtained considering the following weightings: 70% for the curricular evaluation and 30% for the selection interview.

The selection methods are eliminatory, and candidates who obtain a score of less than 9.5 in one of the selection methods or stages of the procedure will be excluded, and the next method or stage will not be applied to these candidates.

Selection committee:

Ibéria Vitória de Sousa Medeiros (President), Pedro Miguel Frazão Fernandes Ferreira (1st Effective Member), Vinicius Vielmo Cogo (2nd Effective Member), José Manuel da Silva Cecílio (1st Alternate Member) and Alysson Neves Bessani (2nd Alternate Member).

Form of publication/notification of results:

This competition is advertised on the Sciences ULisboa and Euraxess websites.

All candidates will be notified of the final result of the evaluation, sent to the email address used for sending the respective application, or by post, to the address given in the Personal Data Form, through a sorted list, in descending order of the final evaluation obtained.

Additional comments

Legislation framework:

- Research Fellowship Holder Statute - Law no. 40/2004, of August 18, amended by Decree-Law No. 202/2012, of August 27, by Decree-Law No. 233/2012, of October 29, by Law No. 12/2013, of January 29, by Decree-Law No. 89/2013, of July 9, and by Decree-Law No. 123/2019, of August 28;
- FCT Regulation for Research Fellowships - Regulation no. 950/2019 in the Diário da República, 2nd Series, no. 241, of 16 of December, amended by Regulation No. 643/2021, published in the Diário da República, 2nd Series, No. 135, of 14 July.

To see the full offer please check the following link:

www.ciencias.ulisboa.pt/concursos?id=   **4879**

Workplace:

The work will be developed at the Research Centre LASIGE, on the Campus of the Faculty of Sciences of the University of Lisbon, located in Campo Grande, 1749-016 Lisbon.

SCIENTIFIC SUPERVISION:

Pedro Miguel Frazão Fernandes Ferreira

Website for additional job details   https://ciencias.ulisboa.pt/concursos?id=4879

Work Location(s)

Number of offers available	1
Company/Institute	Faculdade de Ciências da Universidade de Lisboa
Country	Portugal
State/Province	Lisboa
City	Lisboa
Postal Code	1749-016
Street	Campo Grande
Geofield	

Contact

State/Province	Lisboa
City	Lisboa
Website	https://ciencias.ulisboa.pt/concursos?id=4879
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