

NOVA University of Lisbon

NOVA School of Science and Technology

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Deadline: 20/05/2024

Opening of an international selection procedure for the recruitment of 4 Research Assistant

Under the terms of Order no. 181/2023, of 04 January, by delegation of powers, the Director of the Faculty of Science and Technology of NOVA University Lisbon, Prof. Dr José Júlio Alves Alferes, hereby announces that, by order of 30/03/2024, is open, an international call for tenders, with internal reference “**Ass.Inv.2-DEEC**”, for the recruitment of four Research Assistant, on an open-ended employment contract, under the terms of Regulation no. 393/2018, published in *Diário da República* no. 123, 2nd series of 28 June 2018, in the scientific area of Electrical and Computer Engineering, within the scope of the DS4Health - Digital Skills for Healthcare Transformation project, funded through the European Commission's DIGITAL Programme (ID - 101083563 - DS4Health - DIGITAL-2021-SKILLS-01), underway at the Faculty of Science and Technology of NOVA University of Lisbon.

In compliance with paragraph h) of Article 9 of the Constitution of the Portuguese Republic, the New University of Lisbon, as an employer, actively promotes a policy of equal opportunities between men and women in access to employment and professional advancement scrupulously ensuring to avoid any form of discrimination.

I - Workplace

The place of work will be at the premises of the Department of Electrical and Computer Engineering located on the Faculty of Science and Technology of NOVA University of Lisbon.

The employee will make all the journeys, in Portugal or abroad, inherent to their duties or necessary to carry out their activity.

II - Activities and function

The Research Assistant carries out, develops and participates in the research activities assigned to the DEEC - FCT NOVA team, under the guidance of Prof Ricardo Luís Rosa Jardim Gonçalves. More specifically, the Research Assistant will be involved in the following activities:

- **WP2 (Recruitment and Supervision of Students)**, namely in task **T2.2 (Management and monitoring of academic progress during studying)**, in the development and implementation of an administrative platform for the internal management of students under the DS4Health Project to be integrated with the academic platform of the respective Universities.
- **WP3 (CV Development, Methods and Implementation)**, namely in task **T3.2 (Creating a unified Digital Health database)**, the creation of a digital health database containing participating programmes, teaching materials produced by the consortium partners and their respective translations; and in task **T3.4 (Implementation, validation and evaluation)**, the organisation of joint

courses, seminars and workshops in various areas related to digital health and the coordination of scientific networks and publication of information for the Digital Health community.

- **WP4 (Digital Skills, Training and Practical Experience (partnership industry/university))**, namely in task **T4.3 (Infrastructure for DS4Health practical training)** in the development of the necessary infrastructures and integration of new e-learning technologies to support the courses. The infrastructure will be set up with the necessary equipment (hardware, software, telemedicine equipment, simulators, AR, VR, IoT smart devices, wearables, etc.) and online access for practical training.
- **WP7 (Quality and Impact of the Master Programme)** namely in task **T7.2 (Monitoring and assessment)**, collecting data on student progress and statistical analysis, predicting the uncertainty of monitoring results and comparing levels of progress in different members of the consortium.
- **WP8 (Dissemination and communication, sustainability and Open Science)** namely in task **T8.2 (Design and implementation of communication tools)** in identifying the appropriate communication tools and channels according to the needs and tasks of the different target groups and also the relevant communication materials.

III - Remuneration positioning:

In accordance with the salary table in Annex I of Regulation no. 393/2018 of 28 June, this tender procedure is open for salary position/level 1/21A, which corresponds to a full-time monthly salary of €1.649,15.

IV - Modality and duration

1. The unfixed-term contract is for a period of 12 months, or for the duration of the funding, but may not exceed the maximum limit of 48 months, under the terms of Article 148(5) of the Labour Code.
2. The ending of funding, the extinction of the project or the completion of the tasks that are the subject of this tender procedure will determine the expiry of the contract, which will take place with the notice referred to in Article 345(1) of the Labour Code, i.e. if the end of the contract is foreseen, the employer must notify the employee of the end of the contract at least seven, 30 or 60 days in advance, depending on whether the contract lasted up to six months, from six months to two years or longer.
3. An uncertain fixed-term contract is based on the performance of a specific, precisely defined and non-permanent service.

V - Candidates Admission Criteria

1. The competition is open to national, foreign and stateless candidates aged 18 or over who hold a Master's degree in the scientific area of the competition;
2. Applicants for the competition who hold qualifications obtained abroad must provide proof of the recognition, equivalence or registration of the degree, under the terms of the applicable legislation. This formality must be fulfilled by the date the contract is signed.

VI - Application Instruction

1. The application must be completed by filling in the respective application form, which is available at <https://www.fct.unl.pt/en/faculdade/concursos/investigadores>.
2. The application process must be instructed with the documentation in Portuguese or English.
3. The application should be submitted by e-mail, containing the following documents:
 - a) Updated curriculum vitae
 - b) Motivation letter;
 - c) Evidence essential for verification of admission requirements;
 - d) Certificates of qualifications, duly registered and/or recognised in Portugal.

VII - Presentation of the application

1. The application documents must be submitted between 29/04/2024 and 20/05/2024 (15 working days).
2. Candidates must submit their application documents, in a single file in PDF format, by e-mail to the following address: div.rh.recrutamento@fct.unl.pt, indicating the reference of the procedure.

VIII - Evaluation parameters

1. Applications will be evaluated by a jury and will follow the procedure laid down in Article 37(1) of Decree-Law no. 124/99 approving the Statute of the Scientific Research Career and in Regulation no. 393/2018 published in Diário da República no. 123, 2nd Series of 28 June.
2. The selection of the Research Assistant to be hired will be carried out through an assessment of their scientific and curricular background, complemented by an interview, under the terms of Article 37 of Decree-Law no. 124/99, of 20 April, which approves the Statute of the Scientific Research Career and Regulation no. 393/2018, published in Diário da República no. 123, 2nd Series of 28 June 2018, with the following weighting being considered:

- Evaluation of the Scientific and Curricular Pathway (APCC) - 85%

- a. Master's degree area relevant to the project **(15%)**;
- b. Participation in international research projects, particularly in technological and social areas relevant to digital health (e.g. robotics, AI, cybersecurity, cyber-physical systems, IoT, big data) **(30%)**;
- c. In the field of technology, expertise in **(25%)**:
 - i. Database (SQL and noSQL);
 - ii. IoT solutions for data acquisition and processing;
 - iii. AI and ML applications for analysing large amounts of data;
 - iv. Development and testing of web platforms for sharing services;
 - v. Programming languages: Java, C, C++, C#, Python, Autolt, SQL, React, JavaScript, HTML, CSS.
- d. Knowledge and/or experience of organising dissemination and communication events **(10%)**

- e. Motivation and ease of integrating new teams **(10%)**
- f. Good fluency in Portuguese and English (written and spoken) **(10%)**

- Professional Selection Interview (EPS) - 15%

The purpose of the interview is to obtain clarification or explanation of the elements contained in the candidates' Curriculum Vitae.

IX - Reasons for exclusion

Candidates who do not comply with point V will not be admitted to the competition, and candidates who do not submit their application using the form, or who do not submit all the documents referred to in point VI, or who submit them illegibly, incorrectly or invalidly, will be excluded outright.

It also has the right to ask any candidate, in case of doubt and for the purposes of their admission to the competition, to produce supporting documents for their declarations.

X- Notifications and Hearing of Interested Parties

1. A prior hearing shall be held, under the terms of the Administrative Procedure Code, for those candidates who have been rejected, and of candidates who have been placed on the ranking list of the candidates who cannot be filled for the position in the competition. All candidates shall be notified of the ratification of the jury's final decision;
2. Notifications shall be made by email;
3. The tender dossier may be consulted by the candidates, in the Human Resources Division of FCT NOVA, under the terms indicated in the above-mentioned notification.

XI - Jury Composition

President:

Doctor Ricardo Luís Rosa Jardim Gonçalves, Full Professor of Faculty of Science and Technology of NOVA University of Lisbon.

Efective Members:

Doctor Ricardo Luís Rosa Jardim Gonçalves, Full Professor of Faculty of Science and Technology of NOVA University of Lisbon;

Doctor João Francisco Alves Martins, Full Professor of Faculty of Science and Technology of NOVA University of Lisbon;

Doctor Maria Helena Silva Fino, Associate Professor of Faculty of Science and Technology of NOVA University of Lisbon.

Substitute members

Doctor Filipa Alexandra Moreira Ferrada, Assistant Professor of Faculty of Science and Technology of NOVA University of Lisbon.

1. The jury decides by an absolute majority, with no abstentions allowed;
2. Minutes are drawn up of the jury meetings, which contain a summary of what took place at the meetings, as well as the votes cast by each member and their respective reasons, and are made available to candidates on request.

XII - Non-Discrimination and Equal Access Policy

1. FCT NOVA actively promotes a policy of non-discrimination and equal access, whereby no candidate may be favoured, disadvantaged or deprived of any duty on the grounds of ancestry, age, gender, disability, sexual orientation, chronic illness, nationality, ethnic origin or race, religion or political convictions.
2. Under the terms of Decree-Law no. 29/2001, of 3 February, disabled candidates have preference in equal ranking, which takes precedence over any other legal preference. Candidates must declare on the application form, on their honour, their degree of disability, the type of disability and the means of communication/expression to be used in the selection process, under the terms of the aforementioned law.

XIII. Data Protection

In accordance with the RGPD - General Data Protection Regulation, the data collected will be processed exclusively for the processing of the application.

And for the record, this notice is published.

NOVA School of Sciences and Technology, Prof. Doctor José Alferes, Dean