

ANÚNCIO PARA A ATRIBUIÇÃO DE BOLSA DE INVESTIGAÇÃO

GECAD_RAICC_2026-01

GECAD (GECAD-EEA/00760) is recruiting 1 researcher for a Degree Scholarship ("Bolsa para Licenciado") in the field of Informatics for the R&D institution GECAD (GECAD-EEA/00760), in the scope of RAICC Project – Ref. COMPETE2030-FEDER-03033600 – 25476, co-financed by the Innovation and Digital Transition Thematic Programme (COMPETE2030) through the European Regional Development Fund (ERDF) and Portugal 2030, under the following conditions:

1. SCIENTIFIC AREA

Informatics or similar

2. ADMISSION REQUIREMENTS

Minimum profile required: Degree in Informatics or related field, enrolled in a Master's degree in informatics, artificial intelligence, data science or related field. Proficient writing and speaking skills in English. Good teamwork skills. Strong programming skills, and experience in artificial intelligence.

Preferred profile: Previous experience in research activities and participation in research projects, particularly in the area of cybersecurity.

If the qualification has been awarded by a foreign higher education institution, **it must be recognized by a Portuguese higher education institution**, in accordance with the provisions of article 25 of Decree-Law no. 66/2018, of 16 August, which approves the legal regime for the recognition of academic degrees and diplomas in Higher Education, awarded by foreign higher education institutions, and paragraph e) of paragraph 2 of article 4 of Decree-Law no. 60/2018, of 03 August, and any formalities established therein must be complied with until the date of the act of hiring..

3. DURATION

The scholarship will have a duration of 6 months, starting June 2026 and may be renewed for equal periods, in no circumstances exceeding the limits defined in RBI-ISEP.

4. ACTIVITIES AND WORKPLAN

The work plan involves the following tasks:

- Analysis and selection of the AI models to be evaluated, and definition of the relevant adversarial scenarios within the project context. This includes the construction of test datasets and the generation of adversarial examples to simulate different types of attacks and data perturbations.
- Execution of systematic tests on the models under both normal and adversarial conditions, measuring the impact of attacks and perturbations on performance and identifying degradation patterns.
- Investigation of the causes of predictive failures using interpretability techniques, identifying vulnerabilities, biases, and model limitations in adversarial scenarios.

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- Integration of the results into model cards, including robustness metrics, explanations of errors and limitations, as well as recommendations to improve the security, transparency, and reliability of the models.
- Participation and preparation of internal meetings and with partners (ISEP, Portuguese) locally or abroad
- Preparation of reports and scientific papers;
- Activities related with communication.

5. APPLICABLE LAWS AND REGULATIONS

Statute of the Research Fellow, approved by Law No. 40/2004, of August 18; Regulation of Research Scholarships of the Foundation for Science and Technology, approved by Regulation No. 950/2019, published in the 2nd series - Part C, of the Diário da República, of December 16, 2019, Regulation of Research Scholarships of ISEP, Decree-Law No. 66/2018, published in the Diário da República No. 157/2018, Series I of August 16, which approves the legal regime for the recognition of academic degrees and diplomas of higher education awarded by foreign higher education institutions, and Decree-Law No. 60/2018, of August 3, which simplifies the administrative procedures necessary for the pursuit of research and development activities, all in their current versions.

6. SCIENTIFIC ORIENTATION AND WORKPLACE

The workplace is at ISEP, at GECAD, under scientific supervision of Professora Doutora Isabel Praça.

7. REMUNERATION

Monthly amount of the scholarship: 1 090.98€, paid by bank transfer (according to the table of monthly maintenance allowances: <https://www.fct.pt/wp-content/uploads/2026/03/Tabela-de-Valores-SMM-2026.pdf>), supported through PAD No. C72471.

Depending on the cases, subject to the approval of the Presidency of ISEP, the scholarship amount may also be increased, provided that it does not entail any changes to the work plan, in accordance with the provisions of article 13, paragraph 4, of the Research Fellow Statute.

8. SELECTION METHODS AND EVALUATION PANEL

- Degree Final Classification (30%)
- Curriculum Vitae evaluation (50%)
- Interview (20%)

The interview will be conducted in English.

The evaluation panel responsible for the selection process will be composed of

Professor(a) Doutor(a), Isabel Cecília Correia da Silva Praça Gomes Pereira (responsável do projeto pelo ISEP) (Presidente);

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Professor(a) Doutor(a), Ivone Amorim (Vogal);
Professor(a) Doutor(a), Eva Maia (Vogal),
e como membro suplente Professor Carlos Ramos (Vogal suplente).

9. APPLICATION OF DOCUMENTS

Applications must be formalized, obligatorily, by email sent to icp@isep.ipp.pt, by sending the following documents:

- Curriculum Vitae;
- Certificate of qualifications / Document proving ownership of the academic degree and diploma, of the respective recognition when awarded by foreign higher education institutions or document proving the request for recognition;
- Proof of enrollment in a Master's degree in informatics, artificial intelligence, data science or related field;
- Other documents considered relevant.

If the qualification has been conferred by a foreign higher education institution, it must comply with the provisions of Decree-Law No. 66/2018, of August 16th, and any formalities established therein must be fulfilled until the act of contracting.

10. APPLICATION PERIOD

Applications will be accepted from 20 May to 2 June 2026.

11. RESULTS PUBLICATION AND NOTIFICATION

The results of the evaluation will be disseminated via email, to the email address indicated in the application file.

12. COMPLAINT AND APPEAL PROCEDURES

If the result is unfavorable, the candidates have a period of 10 working days after the publication of the results of the evaluation of applications, to express their opinion, if they wish, in the context of a prior hearing of interested parties, under the terms provided for in the Code of Administrative Procedure.

From the final decision, candidates may lodge a complaint within 15 working days to the President of ISEP.

13. SELECTION RESERVATION

ISEP reserves the right to use the candidates not selected, in order of seriation, for the recruitment of a scholarship holder within the scope of the same project due to the withdrawal of the candidate initially selected.