

## CALL FOR AWARDING RESEARCH FELLOWSHIPS WITHIN PROJECT GRANTS AND R&D INSTITUTIONS

### 1 (One) Research Fellowship for R&D Initiation (BII) for a MSc Student

1 Research Fellowship(s) for R&D Initiation (BII) is (are) open at the **FCiências.ID – Associação para a Investigação e Desenvolvimento de Ciências**, for the Project/R&D Institution “SMART2B – Smartness to existing Building”, financed by European Union’s H2020 research and innovation programme under Grant Agreement no. 101023666 , under the following conditions:

1. **Scientific Area:** Computer Science and Engineering
2. **Requirements for admission:** Portuguese, foreigners and stateless persons with a bachelor’s degree in computer engineering may apply to this selection process.
3. **Additional optional skills and qualifications:** Enrolled in the 1st year of a Master's Degree in Computer Engineering and in disciplines such as Software Security, Reliable Software, Security Technologies and Offensive and Defensive Cybersecurity Methodologies. Experience with Python, Java, PHP programming languages; Knowledge proven by approval in curricular components in the areas of Programming, Security and Reliability, Operating Systems, Distributed Systems and Computer Networks.
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrollment in Master in Computer Engineering
5. **Work plan:** Installation, in a computer network environment, of a web attack detection system and web scanners; Construction of datasets to capture web attacks and normal traffic between the user and the web application; Testing and improving the attack detection system
6. **Legislation framework:** Research Fellowship Holder Statute, in accordance with Law 40/2004, of 18 August, in its current version and the FCT Regulation for Research Studentships and Fellowships, in its current version (Reg. 950/2019 published in DR on 16<sup>th</sup> December: <https://dre.pt/application/file/a/127230968>, or at the FCT website: <https://www.fct.pt/apoios/bolsas/regulamento.phtml.pt>), and FCIências.ID Fellowship Regulation, as approved on 12<sup>th</sup> May 2020 (available at [Regulamento de Bolsas de Investigação Científica da FCIências.ID](#)).
7. **Place of work:** The work will be developed at LASIGE, in Faculty of Sciences of the University of Lisbon under the scientific supervision of Professor Vinicius Vielmo Cogo.
8. **Fellowship duration:** This position is initially opened for 4 months and 15 days, and due to start in November 2022.
9. **Monthly allowance:** The fellowship amounts to € 486,12, according to [table values](#) of the FCIências.ID Fellowship Regulation. The fellowship holder will have a personal accident insurance and can ensure the right to social security through adherence to the voluntary social insurance scheme, if not covered by any other social protection scheme, pursuant to *Código dos Regimes Contributivos do Sistema Previdencial de Segurança Social*. The fellowship will be paid monthly by bank transfer.



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10. **Evaluation and selection process:** Candidates will be assessed by the quality of their CV, Graduation Average, and possibly, an individual interview. With attribution of a score on a scale of 0 to 20.

If the selection interview is not carried out, the final evaluation will be obtained considering the following percentages: Curricular Evaluation: 70%; Graduation Average: 30%.

If the selection interview is carried out, the final evaluation will be obtained considering the following percentages: Curricular Evaluation: 70%; Graduation Average: 20%; Individual interview, in person or by videoconference (with attribution of a score on a scale of 0 to 20): 10%.

Applicants whose application is scored with a final classification of less than 12 points are not eligible for granting a fellowship.

11. **Selection Committee:** President: Prof. Vinicius Vielmo Cogo; 1st Effective Member: Prof. Ibéria Vitória de Sousa Medeiros; 2nd Effective Member: Prof. Pedro Miguel Frazão Fernandes Ferreira; Substitute Member: Prof. Alysson Neves Bessani; Substitute Member: Prof. Nuno Fuentecilla Maia Ferreira Neves.

12. **Publication/notification of results:** All the candidates will be notified by e-mail, sent by the call holder, with the selection meeting minutes enclosed.

13. **Deadlines:** This call for applications is open from 10/11/2022 to 18/11/2022 .

14. **Application:** Applications should be sent via e-mail to [cdrosa@fc.ul.pt](mailto:cdrosa@fc.ul.pt), referring in the e-mail subject the ID SMART2B-BII-202201, by attaching the following documents:

- Curriculum vitae – **CV may be provided in PDF or through the [CIÊNCIAVITAE](#) system;**
- Certificate of completion of previous degree;
- other documents considered relevant.

15. **Time limits for the appeal procedure:** In case of negative decision, the candidates have 10 business days, after the date of announcement of the results of the candidates evaluation, to pronounce their disagreement in accordance with the *Código do Procedimento Administrativo*. Appeals against the final decision may be submitted to the Administration Board of FCIências.ID ([fciencias.id@fciencias-id.pt](mailto:fciencias.id@fciencias-id.pt)) within 15 business days after the notification date

**Note 1:** The documents that prove the entitlement of the academic qualifications and diplomas, or the proof of registration in the academic degree or diploma requested on the call, can be dismissed during the application period and replaced by a declaration on their honour from the applicant. Their delivery is mandatory for the fellowship contractualization.

**Note 2:** Please note that - higher education degrees and diplomas awarded by foreign higher education institutions need to be recognized by a Portuguese higher education institution, pursuant to the [Decree-Law nr. 66/2018](#) (August 16) and the [Ministerial Order nr. 33/2019](#) (January 25). The presentation of the recognition certificate is mandatory for contract signature. More information can be obtained at: <https://www.dges.gov.pt/en/pagina/degree-and-diploma-recognition>.

