

## PUBLIC NOTICE

### Call for allocation of a Scientist Scholarship

Reference: BII/FhP-20/02

The call for allocation of a *Research Integration Grant* for Non-Graduate University Students is open and subject to the following conditions:

1. **General scientific field:** Computer Science.
2. **Specific scientific field:** Backend development of web applications.
3. **Admission Requirements:** i) Student attending an academic master's degree in the field of Computer Science or Informatics Engineering, within the area of web development; ii) Interest in developing current programming skills; iii) Interested in learning about backend programming languages; iv) Interest in learning about REST and web services; v) Interest in learning about code versioning tools, such as Git and Bitbucket; vi) Proficiency in English and excellent communication skills and teamwork.
4. **Work Plan:** Nowadays, consumers seek all the information they can get about their food, such as nutritional value, origin, farming, and growing processes, then ever before. Additionally, farmers, look for a way to differentiate themselves from direct competitors and add value to their supply. Consumers are available to pay additional amounts of money to buy products that provide this type of transparency. The project aims to achieve a food traceability solution which aggregates the farm crops information and implements traceability using technology such as BLOCKCHAIN to capture all data at various levels in the supply chain. It is an intelligent platform aiming to digitize agriculture to solve supply chain inefficiencies through the uses of technology.
  - 4.1. **Tasks:**
    - Analyse blockchain available frameworks;
    - Design and develop REST API to configure blockchain accordant to the supply chain.
5. **Applicable law and regulation:** Portuguese Statute of the Scientific Research Scholarship Holder [*"Estatuto do Bolseiro de Investigação Científica"*], approved by Law no. 40/2004, of August 18, amended by Decree Law no. 202/2012, of August 27, Law no. 12/2013, of January 29, Decree Law no. 89/2013, of July 9 (hereinafter referred to as the "Statute"), Law no. 123/2019, of August 28 and the Research Scholarships' Regulation of Associação Fraunhofer Portugal Research (hereinafter referred to as the "Regulation").
6. **Place of work:** Fraunhofer AICOS, Porto, Portugal, under the scientific supervision of MSc. Tiago Rocha.

- 7. Scholarship's Duration and Regime:** The scholarship shall have the duration of 3 months, eventually renewable for equal periods of time or until the term of the project, with estimated starting date on June, 2020, according to article 13 of the Regulation and article 3 of the Statute, under exclusivity regime, except for the exceptions expressly set out in nos. 3 and 4 of article 5 of the referred Statute.

([https://www.aicos.fraunhofer.pt/content/dam/portugal/en/documents/Editais/Regulamento%20Bolsas%20Fraunhofer%20Portugal%20Research\\_2020.pdf](https://www.aicos.fraunhofer.pt/content/dam/portugal/en/documents/Editais/Regulamento%20Bolsas%20Fraunhofer%20Portugal%20Research_2020.pdf))

- 8. Amount of the monthly maintenance allowance:** The amount of the scholarship corresponds to €412 as per table of amounts of the scholarships of Associação Fraunhofer Portugal Research, ([https://www.aicos.fraunhofer.pt/content/dam/portugal/en/documents/Editais/Reg\\_Bolsas\\_FhP\\_Anexo\\_II.PDF](https://www.aicos.fraunhofer.pt/content/dam/portugal/en/documents/Editais/Reg_Bolsas_FhP_Anexo_II.PDF)). The payment of the scholarship shall be made on a monthly basis, by wire transfer.

- 9. Selection Procedures:** The selection procedures to be used shall be made based on the following parameters:  
A – Actual average in the master's degree; B – Alignment of academic choices with the work to perform; C – Curriculum evaluation in accordance with the objectives of the project. The following percentage weighting shall be given to the selection parameters:  $0,2 \times A + 0,3 \times B + 0,5 \times C$ .

- 10. Composition of the selection panel:** Chairman: Doctor Inês Nunes de Sousa Soares; Permanent Members: Doctor Filipe Miguel Monteiro da Silva e Sousa and Doctor Francisco Maria Cruz Nunes.

- 11. Publication/notification of the results:** The final evaluation results shall be published in a list ordered by final score, posted in a visible and public place at Fraunhofer Portugal. The approved applicant shall be notified by e-mail.

- 12. Opening period of the call:** The call is open from 29-05-2020 to 05-06-2020.

- 13. Documents and deadlines for application:** Applications must be submitted by means of an application letter with the following documents: *Curriculum Vitae*, required qualifications' certificate and other evidencing documents deemed relevant.

Applications should be delivered during the call's opening period either in person, from 10:00 a.m. to 05:00 p.m., at Fraunhofer Portugal – AICOS' reception; OR sent by registered mail with acknowledgement receipt to the address indicated below; or sent by e-mail with acknowledgement receipt to [antonio.antunes@fraunhofer.pt](mailto:antonio.antunes@fraunhofer.pt) and [liliana.flores@fraunhofer.pt](mailto:liliana.flores@fraunhofer.pt), in *pdf* format, until 11:59 p.m. of June the 5<sup>th</sup> 2020.

Address for purposes of sending applications:

Fraunhofer Portugal - EDIFICIO CENTRAL

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