

## Job Opening for a Faculty Position in Artificial Intelligence

### Department of Informatics and Systems School of Engineering Universidad EAFIT

The present call is open and aims to receive *resumés* for a full-time faculty position in the area of **ARTIFICIAL INTELLIGENCE**, in the Department of Informatics and Systems, at Universidad EAFIT.

#### 1. CONDITIONS OF EMPLOYMENT

##### 1.1 Type of contract

The new faculty will be hired under an initial fixed-term contract for one (1) year, renewable for one (1) more year, following an evaluation leading, if successful, to an indefinite-term contract with entry to a tenured position at the corresponding faculty level (subject to compliance with the requirements established in the [Faculty Handbook](#) at Universidad EAFIT and the corresponding evaluation of the School of Engineering).

##### 1.2 Dedication

This is a full-time position

##### 1.3 Category

We will hire the best candidate at the appropriate level: Assistant, Associate or Full Professor (see [Faculty Handbook](#), Chapter II) according to the experience of the candidate.

**Note:** High priority will be given to candidates with a doctorate degree. Candidates with a Master's degree currently pursuing a doctoral degree will also be considered, in which case a reasonable time will be set to allow completion (degrees will need to be homologated, if obtained abroad). See also section 2.1 of this call.

##### 1.4 Workplace

The Universidad EAFIT main campus is located in Medellín, Colombia, and is the main working place. Occasional temporary displacements to other cities and/or countries are expected.

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## 1.5 Salary range

Universidad EAFIT offers a highly-competitive salary in the context of local and national peer institutions, with excellent working conditions (vacation periods, extralegal bonuses, employee fund, etc.). The final offer to the selected candidate will be calculated according to his/her professional and academic experience, and according to the requirements defined in the [Faculty Handbook](#).

**Note:** Salaries are increased yearly as of February 1st in the rate approved by the Board of Directors. Likewise, once the professor changes to a tenured position, in accordance with the provisions of the Faculty Handbook of the University, the salary may be increased by a change of category.

## 1.6 Occupational profile

The selected professional will serve as a full-time faculty member, and will develop teaching, research, extension (Continuing Education courses and consultancies), academic administration related to the Department's programs and service (e.g., committees internal or external to the university and/or in the academic and professional union).

## 2. MINIMUM COMPULSORY REQUISITES

### 2.1. General information

Candidates with undergraduate and graduate degrees in computer science, mathematical engineering, systems engineering and related areas such as applied mathematics, industrial engineering or others are encouraged to apply.

Priority will be given to candidates with a doctoral degree (Ph.D., or its equivalent). Candidates who are close to obtaining their doctoral degree, and who already have a master's degree, will also be considered.

### 2.2. Desirable teaching and research interests

This call aims to fill a vacancy for a faculty position in the Department of Informatics and Systems, at the School of Engineering, in response to strategic interests in research and teaching, which seek to strengthen and expand our capacity of academic offerings in graduate and undergraduate programs in Computer Science and related fields in Engineering.

**Teaching:** We seek candidates with interests, capacity and/or experience in teaching undergraduate and graduate courses such as: artificial intelligence, machine learning and related

topics in computing such as programming, algorithms, databases or software. It is suggested to indicate, in the resume or cover letter, which engineering or computing courses you may teach.

**Research and consulting:** We seek candidates with interest and demonstrable ability in research and consulting in one or more relevant areas but not limited to: machine learning, knowledge representation, advanced search techniques, reasoning mechanisms, natural language processing, multi-agent systems, computer vision or image processing with artificial intelligence.

### 2.3. Second language

It is essential that the candidate can demonstrate proficiency in the English language. Other languages can contribute positively to the merits of the selection (Universidad Eafit has a Language Center that can facilitate second language accreditations in international standards.) Foreign candidates whose native language is not Spanish will also be considered. If your native language is not Spanish, accredit basic knowledge of Spanish according to the European Common Framework that allows to ensure a rapid adaptation to the local Colombian environment.

## 3. REQUIRED DOCUMENTS

### 3.1. CV

Interested candidates should provide a resume or *curriculum vitae* including:

- Academic history.
- Professional experience.
- Summary of teaching, research, administration and other responsibilities.
- Research projects in which you have participated, indicating the role played (principal investigator, co-investigator, research assistant, external collaborator), listing from the most recent.
- Academic or scientific publications and dissemination articles (full citation and/or DOI), listing the most recent first.
- Awards and recognitions.
- If the candidate is an active researcher in Colombia, URL to the candidate's **CVLAC**.
- Computing courses that you may teach.

**Note:** If you have a large number of projects or publications, please indicate or highlight those that, in your opinion, are: (a) the most important and/or (b) the ones with the greatest impact.

### 3.2. Teaching and research proposal

The application must include an academic proposal (maximum 4 pages in total) that reflects your interests and priorities in teaching and future research (understand this proposal as the sum of both a teaching statement and a research statement).

### 3.3. Annexes

- **Required:** Provide the names and contact information of three people who can provide academic references about the candidate and his or her potential as a university professor and researcher. The applicant must not manage the sending of reference letters. This work will be done by the selection committee.
- **Optional:** A complete research proposal that has been submitted to a research project financing entity. (Indicate if it was funded or not.)
- **Optional:** A prospective proposal in areas of extension and social projection, indicating knowledge topics that could lead to consulting, or innovation processes; or a proposal of courses, seminars or workshops related to the area of professional profile, which could be offered through the [Center for Continuing Education of the University](#).
- **Optional (mandatory for those who are shortlisted):** Prepare a class on an Artificial Intelligence topic for undergraduate students, which will later be given in 20 minutes.
- **Optional (mandatory at the time to sign contract):** Certificates of employment that provide proof of full-time university teaching experience at an accredited institution of higher education or professional experience related to the discipline in which you will be working, as well as evidence that demonstrate the experience in the formulation, elaboration, participation and/or realization of research projects, in the area of the professional profile of the call.
- **Optional (mandatory at the time to sign contract):** Copy of the degrees awarded by recognized higher education institutions. Note: for the recognition of titles in Colombian territory, these must be validated by the Ministry of National Education. For the application, it is not necessary to have validation, but it is necessary to sign the contract if you are selected. The procedures and requirements to validate professional titles in Colombia can be consulted on the website of the [Ministry of National Education](#).
- **Optional (desirable for candidates with teaching experience):** Copy of the teaching evaluations of the institution where you worked, if available
- **Desirable (second language):** If the candidate's native language is Spanish, a copy of a current certificate of knowledge of a second language (preferably English), according to the European Common Framework. If, on the contrary, the native language is not Spanish, accredit basic knowledge of Spanish according to the European Common Framework that allows to ensure a rapid adaptation to the local Colombian environment.

**Note:** If you do not have these documents available, show that you can get them before the time to sign the contract if you are selected.

#### 4. IMPORTANT DATES

The **suggested** deadline to submit documentation is **November 30th, 2021**. From that date, the selection committee will begin the evaluation of the candidates. However, **this call will remain open until the position is filled**. The Selection Committee will give priority to candidates who apply in a timely manner on the suggested date. Short-listed candidates must be available for a preliminary interview, and subsequently, depending on availability and possibilities (limited by the global pandemic situation), a day at the University will be arranged that will include a public seminar presentation, interviews with faculty and administrators, and the possibility to participate in an undergraduate course. If unable to attend, these activities will be conducted virtually.

It is expected that the successful candidate will be able to start hiring during the first semester of 2022 and begin work (at the latest) in the second semester of 2022, subject to the applications, and the search and selection processes.

#### 5. RECEIPT OF THE REQUIRED DOCUMENTS

To apply, send digital documents via e-mail to the following address:

[escuela.ingenieria@eafit.edu.co](mailto:escuela.ingenieria@eafit.edu.co)

In the **subject**, write:

**"DIS-EAFIT IA Professor call"**

All documents must be sent in a folder marked with the name of the applicant including the files in PDF format. The requirements that include several certificates, unify them in a single PDF file.

Other questions or clarifications can also be directed to the same email, using the same **subject** in the message.

\* \* \*

**Disclaimer:** This search may be declared unsuccessful. Any travel expenses to participate in the process should be covered by the candidate unless otherwise specified.

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