NOTICE ATAECA /ECA-USP/037/2023

The Dean of the Escola de Comunicações e Artes da Universidade de São Paulo announces the opening of one faculty PhD Professor positions, in Full-Time Dedication to Teaching and Research (RDIDP in the Portuguese acronym), specialty "Artificial Intelligence" (nº 1020781 full-time service). The position requires a commitment to teaching and the ability to conduct independent research. Applications will be accepted between September 18th, at 8:30 a.m., to November 16th, at 4 p.m. (GMT-3). The entry-level monthly salary is R$14.761,02 (May/2023) plus benefits.

The public competition will cover the following program:

Program: "Artificial Intelligence"

01. History of the use of artificial intelligence in communications and arts: a panoramic view of its application.
02. Introduction to artificial intelligence: computational devices and languages, definition, history, and general applications.
03. Fundamentals of machine learning and neural networks: basic concepts.
04. Ethical issues related to artificial intelligence.
05. Introduction to text and image generation using artificial intelligence: fundamental concepts and techniques.
06. Tools and software focused on producing communication and arts through artificial intelligence.
07. Artistic creation in music, dramaturgy, and visual arts using textual interaction techniques with artificial intelligence tools.
08. Applications of artificial intelligence in interactive art: creation of installations, performances, and immersive experiences.
09. Generation of three-dimensional environments for virtual reality, video games, theatrical projections, and virtual scenography.
10. Application of artificial intelligence techniques in visual communication.
11. Artificial intelligence and video game development.
12. Artificial intelligence and creation of virtual characters.

The public competition will be governed by Brazilian constitutional principles, notably that of Impersonality, as well as by the Statute and the General Regulations of the Universidade de São Paulo and the Regulations of the Escola de Comunicações e Artes.

Candidates are required to apply online, at the website https://uspdigital.usp.br/gr/admissao, in the period indicated above. Candidates must submit their personal information (name, RG, CPF, nationality, marital status, landline and cellphone numbers, residential and electronic addresses), and indication as to the knowledge area (Artificial Intelligence) along with the following documents:

I – detailed memorial and proof of published works, relevant activities regarding the selection process, and any other information allowing for an evaluation of merits, in digital format;

II – proof that the candidate holds a Ph.D.'s degree, granted or acknowledged by USP, or nationally acknowledged (Brazilian acknowledged);

III – proof of discharge from military service for male candidates;

IV – voter registration card or Electoral discharge certificate or detailed certificate issued by the Electoral Court less than 30 days before the start of the application period;

V – Official identification document (front and back).

The selection process will occur according to objective criteria, in two stages, by attribution of scores in exams, and thus divided:

- 1st stage (eliminatory) - written exam - (weight 2)

- 2nd stage:

I) Evaluation of the memorial with a public argumentation exam (weight 3)

II) Didactic exam (weight 3)

III) Practical exam (weight 2)

Further information and rules relevant to the public competition of titles and tests are available to interested parties at the Academic Technical Assistance of the Escola de Comunicações e Artes da Universidade de São Paulo, located at Av. Professor Lúcio Martins Rodrigues, 443, 1 st floor, room 189, telephone +55 11-3091-4338, electronic address concursoseca@usp.br, or on our website Academic Technical Assistance | Escola de Comunicações e Artes – ECA/USP