ΑΝΑΡΤΗΤΕΑ ΣΤΟ ΔΙΑΔΙΚΤΥΟ

ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ
ΥΠΟΥΡΓΕΙΟ ΑΝΑΠΤΥΞΗΣ ΚΑΙ ΕΠΕΝΔΥΣΕΩΝ
ΓΕΝΙΚΗ ΓΡΑΜΜΑΤΕΙΑ ΕΡΕΥΝΑΣ ΚΑΙ ΚΑΙΝΟΤΟΜΙΑΣ

ΙΔΡΥΜΑ ΤΕΧΝΟΛΟΓΙΑΣ ΚΑΙ ΕΡΕΥΝΑΣ
ΙΝΣΤΙΤΟΥΤΟ ΠΛΗΡΟΦΟΡΙΚΗΣ
Ταχ. Διεύθυνση: Ν. Πλαστήρα 100
70013 Ηράκλειο Κρήτης

Αρ.Πρωτ. 97123
Ηράκλειο 22/12/2022

Call for expression of interest for two (2) position of Computer Scientists or Engineers in the Institute of Computer Science (ICS) Foundation for Research and Technology – Hellas (FORTH)

Position : Two (2) Computer Scientists or Engineers, BSc or MSc holders, for the KOIOS EDF 2021 project

Project: "KOIOS – Knowledge Extraction, Machine Learning and other AI approaches for secure, robust, frugal and explainable solutions in Defence Applications" (Project EDF-2021-DIGIT-R-2-101103770-KOIOS), funded under EDF-2021-DIGIT-R-2.

Desired starting date: February 1st, 2023

Duration: 4 months with possibility of extension

Location: Heraklion, Crete, Greece

Opening date: 22/12/2022

Closing date: 02/01/2023
Ref. : KOIOS-Dec2022

Description

We seek two Computer Scientists or Engineers (BSc or Msc holders) in Machine Learning with background in RTD projects.

The candidates will participate in the R&D activities of FORTH-ICS in the context of EDF-2021-DIGIT-R-2 project "KOIOS – Knowledge Extraction, Machine Learning and other AI approaches for secure, robust, frugal and explainable solutions in Defence Applications" (EDF-2021-DIGIT-R-2-101103770-KOIOS), funded under EDF-2021-DIGIT-R-2, and will work on Machine Learning and Sensory data processing related aspects.

The main objective of our project, KOIOS, is to develop new AI-based methods that are trustworthy (under human control and explainable), robust (resilient to attacks) and frugal in the use of resources (data, computing capabilities, energy,…) addressing tasks in a more efficient manner than the current state-of-the-art ML/DL methods while maintaining similar performance, and improving resilience (for adversarial attacks), consistent behaviour and limiting the cognitive and technical efforts when adapting to new data or dynamic contexts.

The candidates will contribute in tasks regarding the ML capabilities of advanced autonomous vehicles.

Required qualifications:

- B.Sc. degree in Computer Science or related Engineering field
- Demonstrated experience with Machine Learning or other AI techniques
- Programming languages: C++ and/or python
- Willingness and ability to work in a team, to learn, and to take initiatives
- Communication skills
- EU citizenship

Desired qualifications:

- M.Sc. degree or Graduate studies in Computer Science or related Engineering field
- Experience with libraries and development tools, such as opencv, ROS, scipy, Matlab or equivalent
- Experience with Sensory (Visual) data processing
- Hands-on experience with deep learning techniques (deep neural networks)
- Two (2) reference letters

Application Submission

Interested candidates can submit their applications via http://www.ics.forth.gr/jobs/en/ using the link "Apply for the position" under the announcement. Applications must include:

- Detailed CV, including qualifications and interests in the above areas, and proof thereof;
- Scanned copies of academic titles;
- Detailed presentation of prior work, studies and/or publications, references etc. demonstrating knowledge of desired skills (e.g. experience on specific programming languages and hardware platforms).

The candidates may be invited for interview (onsite or remotely) if deemed necessary.

Contact Information:

For information and questions about the advertised position, the activity of the group or the Institute, please contact Prof. Panos Trahanias (trahania@ics.forth.gr).

Selection Announcement

The result of the selection will be announced on the website of ICS-FORTH. Candidates have the right to appeal the selection decision, by addressing their written objection to the ICS secretariat within five (5) days since the results announcement on the web. They also have the right to access (a) the files of the candidates as well as (b) the table of candidates' scores (ranking of candidates results). All the above information related to the selection procedure will be available at the secretariat of ICS FORTH in line with the Hellenic Data Protection Authority. Access to personal data of co-candidates shall be limited to personal data (and relevant data) and supporting documents which have been the basis of the evaluation of the candidates for the specific post(s). Prior to the announcement of the personal data and/or documents of the co-candidates to the applicant, FORTH will inform the data subjects in an appropriate way.

Disclaimer

FORTH is compliant with all legal procedures for the processing of personal data as defined by the **Regulation EU/2016/679 on the protection of natural persons with regard to the processing of personal data.**
FORTH processes the personal data and relevant supporting documents that you have submitted to us. Processing of that data is carried out exclusively for the needs and purposes of this specific call. Such data shall not be transmitted to or communicated to any third party unless required by law. FORTH retains the above data up to the announcement of the final results of the call, unless further process and reservation is required by law or for purposes of exercise, enforcement, prosecution of certain one's legitimate legal rights' as defined in the Regulation EU/2016/679 and/or in national law. We informs you that under the **Regulation EU/2016/679** you have the rights to be informed about your personal data, access to, rectification and erasure, restrictions of process and objection to as provided by applicable regulation and national laws.
We acknowledge also to you, that you have the right to file a complaint to the national Data Protection Authority. For any further information regarding exercise of your personal data protection rights, you may contact the Data Protection Officer at FORTH at dpo@admin.forth.gr.
You have the right to withdraw your application and consent for the processing of your personal data at any time. We inform you that, in this case, FORTH shall destroy such documents and/or supporting documents submitted and shall delete the related personal data.