Call for expression of interest for a position of Software Engineer for development of predictive models in the Institute of Computer Science (ICS) Foundation for Research and Technology – Hellas (FORTH)

**Position(s):** One (1) position of **Software Engineer for Engineer for development of predictive models**

**Project:** Improve Safety in Polymedication by Managing Drug-Drug-Gene Interactions (SafePolyMed) GA 101057639, funded under Horizon 2020, HORIZON-HLTH-2021-CARE-05-01, and An Artificial Intelligence (AI)-based Decision Support System (DSS) for automated detection and characterization of lung nodules on low-dose CT scans (Thorax)

**Desired starting date:** January 1st, 2024

**Duration:** 6 months with possibility of extension

**Location:** Heraklion, Crete, Greece

**Opening date:** 22-11-2023

**Closing date:** 04-12-2023

**Ref.:** “ICS-2133”
Description
The candidate will participate in the R&D work of FORTH within the SafePolyMed and Thorax project. We are looking for a Software Engineer for developing predictive models for drug-drug interaction and cancer prediction. He/she will be part of the team designing, implementing and testing a variety of machine learning algorithms and deep learning techniques using state-of-the-art tools for bioinformatics and biomedical data analysis.

Required qualifications:
- Bachelor in Computer Science, Electrical and Computer Engineering or equivalent
- Master degree in Computer Science, Engineering or equivalent
- Excellent knowledge of English
- Completed military obligations (for Greek citizen male candidates)

Desired qualifications:
- Knowledge in unsupervised and supervised machine learning algorithms including advanced searching mechanisms (e.g. entity detection, Natural language processing)
- Experience with design and development of Integrated Health Information Systems for the patient (PHR)
- Experience on the development of biomedical software and the design of scalable data infrastructures for the efficient storage and management of multimodal clinical data
- Experience with National or European research projects related to biomedical informatics.

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, publications, references etc demonstrating research experience and knowledge of desired skills

Contact Information:
For information and questions about the advertised position the activity of the group or the Institute, please contact Theano Apostolidi (apost@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.
**GDPR 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 inform 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.