Call for expression of interest for one (1) position for an R&D Engineer with a degree in Computer Science or Computer Engineering, in the Institute of Computer Science (ICS) Foundation for Research and Technology – Hellas (FORTH)

Position: one (1) position in the DaFaB project
Project: DaFab, GA 101128693 HORIZON-EUSPA-2022-SPACE-02-55 - Large-scale Copernicus data uptake with AI and HPC
Duration: 6 months, with possibility of extension
Location: Heraklion, Crete, Greece
Opening date: 12/7/2024
Closing date: 22/7/2024
Reference: “Project_DAFAB_recent graduate Engineers_Jul2024”

Description
We seek one (1) recent graduate Engineer with a degree in Computer Science or Computer for our team. The candidates will participate in the R&D activities of FORTH in the context of the EC-funded project DAFAB. DAFAB addresses three primary challenges, in order to leverage the full potential of Copernicus’ information. Firstly, the timely analysis of EO data that is critical for decision-makers to make informed decisions is addressed through novel hardware techniques dedicated to AI and federated computing techniques. Secondly, the massive amounts of Copernicus data make it challenging to identify the most relevant datasets for specific purposes, therefore DAFAB invests in public metadata catalogs to enable searching Copernicus images by features and relationships. Finally, the sustainability of analysis by-products is critical for efficient data management. To address this challenge, DAFAB invests in cloud-computing techniques and public metadata catalogs, providing a unified solution for searching both raw Copernicus and by-products by features and relationships. By addressing these challenges, DAFAB aims to unlock the full potential of Copernicus data and drive growth in the European EO data market.

Requirements
• Diploma in Computer Science or Computer Engineering
• Physical presence at FORTH, Heraklion, Crete for the duration of the position
• Fluent knowledge of English
• Names of at least three professional references
• Willingness and ability to work cooperatively within a team, to learn, and to adapt to the projects
• Experience in protocols for remote storage access and storage performance
• Experience with managed languages and runtimes used in the cloud, e.g. Go and Java

Desired qualifications
Knowledge of and/or experience in and/or strong interest to learn:
• Familiarity with the Linux kernel
Application Submission
Interested candidates can submit their applications via https://www.ics.forth.gr/jobs 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 and other titles.

Promising candidates may be invited for an interview before a decision is made.

Contact Information
- For information and questions regarding the application and selection procedure, please contact: webmaster@ics.forth.gr
- For information and questions about the advertised positions, the activities of the group, or the Institute, please contact Stelios Louloudakis (slouloudak@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.

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.