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

Position(s): One (1) position for the REBECCA project
Project REBECCA (GA 101097224) funded under HORIZON-KDT-JU-2021-2-RIA.
Location: Heraklion, Crete, Greece
Opening date: 9/2/2024
Closing date: 21/2/2024
Reference: “Project_REBECCA_recent graduate Engineer_Feb2024”

Description
We seek one recent graduate member for our team. The candidate will participate in the R&D activities of FORTH in the context of the project REBECCA. The project REBECCA, a heavily SME-driven project, will democratize the development of novel edge AI systems. Towards this aim, REBECCA will develop a purely European complete Hardware(HW) and Software(SW) stack around a RISC-V CPU, which will provide significantly higher levels of a) performance (e.g. inferences per second), b) energy/power efficiency (e.g. inferences per joule/watt), c) safety and d) security than the existing ones. This will be achieved by utilizing state-of-the-art technologies and by making significant scientific and technological advances in several key relevant domains, including a) processing units, b) hardware accelerators, c) reconfigurable hardware, d) tightly coupled interconnected chiplets e) HW/SW co-design and co-development tools, f) system software, g) middleware, and h) AI libraries and frameworks. REBECCA will significantly contribute to realizing business and societal opportunities by validating and demonstrating its approach on 4 real-world use cases and 2 benchmarks based on real-world applications from the Smart appliances, Energy Generation, Infrastructure Inspection, Avionics Automotive and Health domains.

Requirements:
- Diploma in Computer Science or Computer Engineering
- Physical presence at FORTH, Heraklion, Crete for the duration of the position
- Demonstrated experience with the Go programming language, as well as container runtimes and container orchestration environments, such as Docker/Kubernetes (eg. as
part of course projects or diploma thesis work)
• 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

Knowledge of and/or experience in and/or strong interest to learn:
• Deployment and integration of distributed software architectures using containers (e.g. noSQL databases)
• Performance analysis for testing and CI/CD processes using high-level tools (e.g. Prometheus, Grafana)

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 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 Nikolaos Papadopoulos (nickpap@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.

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.