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. 99515
Ηράκλειο 26/01/2023

Call for expression of interest for one (1) system infrastructure engineer, with a degree in Computer Science or Computer Engineering, at the Institute of Computer Science (ICS) Foundation for Research and Technology – Hellas (FORTH)

Position(s): One (1) position in the RISER project
Project: RISER (GA 101092993) funded under HORIZON-CL4-2022-DIGITAL-EMERGING-01.
Duration: 6 months, with possibility of extension
Location: Heraklion, Crete, Greece
Opening date: 26/01/2023
Closing date: 06/02/2023
Reference: "Project_RISER_ system infrastructure engineer_Jan2023"

Description

We seek one (1) system infrastructure engineer with a degree in Computer Science or Computer Engineering and experience in the execution of EU-funded and nationally-funded grants. The candidate will participate in the R&D activities of FORTH in the context of the EC-funded project RISER. The RISER project will develop and validate open-source designs for standardized form-factor system platforms suitable for supporting cloud services, featuring RISC-V processor chips from contemporary European initiatives. Specifically, RISER will build two cloud-focused platforms: (1) An accelerator platform, in the form of a PCIe acceleration board designed for integration with HPC servers; (2) A microserver platform consisting of RISC-V chips coupled with high-speed storage and networking. The open-source system board designs of RISER will be accompanied by open-source low-level firmware and systems software, and a representative Linux-based software stack to support cloud services, facilitating uptake and enhancing the commercialization path of project results. Three use cases will be developed to evaluate and demonstrate the capabilities of RISER platforms: a) Acceleration of compute workloads; b) Networked object and key-value storage; c) Containerized execution as part of a provider-managed IaaS environment. The RISER consortium consists of seven partners, from academia, research centers and industry.

Requirements

- Diploma in Computer Science or Computer Engineering
- Demonstrated experience with resource management and administration of Linux-based clusters for HPC and Cloud workloads
- Demonstrated experience in troubleshooting of complex system platforms and automation via scripting
- Demonstrated experience in managing the deployment and usage of technical software licenses - eg. floating license server application knowledge and experience.
- Demonstrated experience in EU and nationally-funded project activities
- Physical presence at FORTH, Heraklion, Crete for the duration of the position
- Fluency in English
- Names of at least three professional references.

Desired qualifications

- Demonstrated experience with the programming languages C, C++, and Python
- Demonstrated experience with continuous integration and delivery workflows
- Demonstrated experience with system prototyping, validation and performance evaluation.

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.