

## ΑΝΑΡΤΗΤΕΑ ΣΤΟ ΔΙΑΔΙΚΤΥΟ



ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ  
 ΥΠΟΥΡΓΕΙΟ ΑΝΑΠΤΥΞΗΣ ΚΑΙ ΕΠΕΝΔΥΣΕΩΝ  
 ΓΕΝΙΚΗ ΓΡΑΜΜΑΤΕΙΑ ΕΡΕΥΝΑΣ ΚΑΙ ΚΑΙΝΟΤΟΜΙΑΣ  
**ΙΔΡΥΜΑ ΤΕΧΝΟΛΟΓΙΑΣ ΚΑΙ ΕΡΕΥΝΑΣ**  
**ΙΝΣΤΙΤΟΥΤΟ ΠΛΗΡΟΦΟΡΙΚΗΣ**  
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 Ηράκλειο 26-01-2023

**Call for expression of interest for two (2) positions of students enrolled to a University MSc Program in Computer Science or Computer Engineering or Electrical Engineering, at the Institute of Computer Science (ICS) Foundation for Research and Technology – Hellas (FORTH)**



**Position(s):** Two (2) positions in the AERO project  
**Project:** AERO (GA 101092850) funded under HORIZON-CL4-2022-DIGITAL-EMERGING-01-26.  
**Duration:** 6 months, with possibility of extension  
**Location:** Heraklion, Crete, Greece  
**Opening date:** 26/01/2023  
**Closing date:** 06/02/2023  
**Reference:** "Project\_AERO\_students\_enrolled to University MSc program\_Jan2023"

### Description

We seek two (2) students enrolled to a University MSc Program in Computer Science or Computer Engineering or Electrical Engineering. The candidates will participate in the R&D activities of FORTH in the context of the EC-funded project AERO. To ensure the successful integration of the EU processor into the cloud computing ecosystem and strengthen even more EU data sovereignty, it is necessary to develop the software support at the same pace with the hardware development. The harmonic relationship of the developed software and hardware is of paramount importance in order to establish an EU cloud platform able to compete with the mainstream solutions which are currently delivered by US companies. AERO aims to upbringing and optimize an open-source software ecosystem that encompasses a wide range of software components ranging from operating systems to compilers, runtimes, system software and auxiliary software deployment services for cloud computing. The AERO software stack combines the aforementioned software components with novel software and hardware interfaces as a means to seamlessly exploit the heterogeneity aspects of the EU processor with regards to high performance, energy efficiency, and security. The ultimate objective of AERO is to facilitate easy migration of existing cloud customers to a cloud infrastructure that harnesses the capabilities of the EU processor. To showcase early adoption and the potential business value, the developed software and hardware technologies will be piloted by use cases representative of important EU industrial domains, such as automotive and space exploration..

### Requirements

- Currently enrolled to a University graduate MSc Program in Computer Science or Computer Engineering
- Physical presence at FORTH, Heraklion, Crete for the duration of the position
- Demonstrated familiarity with system programming (eg. as part of course projects or diploma thesis work)
- Fluent knowledge of English.
- Names of at least three professional references

### Desired qualifications

Knowledge of and/or experience in and/or strong interest to learn:

- Computing systems, performance analysis, experience with memory management.
- Experience with parallel runtime systems and/or concurrent programming on top of managed language runtimes

#### 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](mailto: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](mailto: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](mailto: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.