

## 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. 63149**  
**Ηράκλειο : 15-10-2021**

**Call for expression of interest for one (1) position of a MSc Student in Computer Science at the Institute of Computer Science (ICS), Foundation for Research and Technology – Hellas (FORTH)**

**Position:** One (1) position – Computer Science MSc Student  
**Project:** RIPE NCC “ARTEMIS”  
**Desired starting date:** 01/12/2020  
**Duration:** 3 months with possibility of extension  
**Location:** Heraklion, Crete, Greece  
**Opening date:** 15/10/2021  
**Closing date:** 01/11/2021  
**Ref. :** ripe\_msc\_1

ARTEMIS is an open-source tool, currently funded by the RIPE Network Coordination Center (RIPE NCC). Through the Community Projects Fund, the RIPE NCC provides support to projects of value to the operation and resilience of the Internet, with a focus on tools and services benefitting the technical community in the Europe, the Middle East and Central Asia. ARTEMIS is an open-source tool, that implements a defense approach against BGP prefix hijacking attacks. It is (a) based on accurate and fast detection operated by the AS itself, by leveraging the pervasiveness of publicly available BGP monitoring services, and it (b) enables flexible and fast mitigation of hijacking events. Compared to existing approaches/tools, ARTEMIS combines characteristics desirable to network operators such as comprehensiveness, accuracy, speed, privacy, and flexibility. With the ARTEMIS approach, prefix hijacking can be neutralized within a minute.

The candidate will carry out assisting duties for the project, covering general research support. For the project’s technical aspects, he/she is expected to assist in software maintenance tasks, indicatively handling tasks such as overlooking the execution of distributed simulations/emulations, automating processes and assisting in writing reports.

**Required qualifications:**

- MSc Student in Computer Science.
- Prior experience in the field of Internet Measurements and Software Defined Networking.

- Excellent knowledge of English.
- Physical presence at FORTH, Heraklion, Crete for the duration of the position.
- Excellent ability to work as a part of a team.
- Professional behavior.

**Desired qualifications:**

- Strong familiarity with the Border Gateway Protocol and BGP Security.
- Excellent organizational and inter-personal communication skills.
- Ability to work under pressure, attaining short and long-term objectives.
- Pleasant, discreet personality.

**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
- Scanned copies of academic titles
- Scanned copies of any document referring to the required qualifications

**Contact Information:**

- For information and questions regarding the application and selection procedure, please contact associate prof. Xenofontas Dimitropoulos (fontas@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.