

ΑΝΑΡΤΗΤΕΑ ΣΤΟ ΔΙΑΔΙΚΤΥΟ



ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ
ΥΠΟΥΡΓΕΙΟ ΑΝΑΠΤΥΞΗΣ ΚΑΙ ΕΠΕΝΔΥΣΩΝ
ΓΕΝΙΚΗ ΓΡΑΜΜΑΤΕΙΑ ΕΡΕΥΝΑΣ ΚΑΙ ΤΕΧΝΟΛΟΓΙΑΣ

ΙΔΡΥΜΑ ΤΕΧΝΟΛΟΓΙΑΣ ΚΑΙ ΕΡΕΥΝΑΣ
ΙΝΣΤΙΤΟΥΤΟ ΠΛΗΡΟΦΟΡΙΚΗΣ

Ταχ. Διεύθυνση: Ν. Πλαστήρα 100
70013 Ηράκλειο Κρήτης

Αρ.Πρωτ. 41496
Ηράκλειο : 19/11/2020

**Call for expression of interest for one (1) (ESR)¹ PhD Student
in the Institute of Computer Science (ICS)
Foundation for Research and Technology – Hellas (FORTH)**



Position(s): One (1) full-time (ESR) PhD Student position on Provenance Management
Project: ITN KnowGraphs. Funded by the European Commission. Duration: 2019-2023. GA 860801
Desired starting date: as soon as good candidate is available, two or three months after evaluation
Duration: 2 years
Location: Heraklion, Crete, Greece
Opening date: 19/11/2020
Closing date: 18/12/2020
Ref.: "ITN-KnowGraphs-2020"

¹ ESR: Early Stage Researcher

Description

The position is a full-time position and is funded by the European Commission under the Marie Curie Initial Training Network (ITN) program KnowGraphs.

The main goal of KnowGraphs is to scale Knowledge Graphs to be accessible to a wide audience of users across multiple domains including (1) companies (in domains including Industry 4.0, bio-medicine, finance, law) of all sizes and even (2) end users (e.g., through personal assistants and web search). Addressing this goal demands a mix of works from the theoretical foundations to the exploitation and economic repercussions of Knowledge Graphs. KnowGraphs focuses on addressing four of the facets of Knowledge Graph management: (F1) representation, (F2) construction and maintenance, (F3) operation and (F4) exploitation. The project will address these pillars by researching and developing novel methods, models and frameworks using a cross-disciplinary mix of methods from Web Science, Data Science, Knowledge Representation, Knowledge Engineering, Big Data, data law, and business innovation. The results will be applied across sectors, i.e., in domains including personalized medicine, Industry 4.0, question answering, personal assistants and Web search. The KnowGraphs consortium aspires to establish a fertile multidisciplinary research and innovation community with strong entrepreneurial culture that will advance research on different aspects of Knowledge Graphs.

We welcome applicants with a Master's degree pursuing a Ph.D. degree. The position is limited to the duration of the qualification procedure in the field of knowledge graphs with the EU project KnowGraphs. Depending on the previous qualification, the position is to be filled for a period of usually 3 years.

- **Required qualifications:**

- M.Sc. and B.Sc. degree in Computer Science, Engineering or in a related area;
- Programming skills in languages such as Java;
- Experience with relational Database Management Systems such as MySQL;
- Excellent communication skills and the ability to work in an international team are indispensable for the position;

- **Desired qualifications:**

- Background in Semantic Web technologies or knowledge representation;

- **Eligibility Criteria:**

- At the time of recruitment by the FORTH, the applicants must not have resided or carried out their main activity (work, studies, etc.) in Greece for more than 12 months in the 3 years immediately prior to the reference date.

Application Submission

Interested candidates can submit their applications via <http://www.ics.forth.gr/jobs/en> using the link "Apply for the position". Applications must include:

- The filled in application form:
https://www.ics.forth.gr/job_opportunities/KnowGraphs_application_form.doc
- Detailed CV, including qualifications and interests in the above areas, and proof thereof;
- Scanned copies of academic titles and transcripts;
- Detailed presentation of prior work, studies and/or publications, demonstrating knowledge of desired skills (e.g. experience on specific programming languages and hardware platforms);
- Recommendation letters from three professors/co-workers;

Contact Information:

- For information and questions about the advertised position the activity of the group or the Institute, please contact Dr. Irini Fundulaki (fundul@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.