Call for expression of interest for one (1) position, for one (1) BSc degree holder in Computer Engineering or Computer Science in the Institute of Computer Science (ICS) Foundation for Research and Technology – Hellas (FORTH)

Position(s): One (1) position for the Horizon Europe project VeriFish: Stimulating sustainable seafood consumption through a verifiable indicator framework

Project: “VeriFish: Stimulating sustainable seafood consumption through a verifiable indicator framework, funded by the European Commission under the Horizon Europe Programme (HORIZON-MISS-2023-OCEAN-01-10), Grant Agreement ID: 101156426”

Desired starting date: Jul 1st, 2024
Duration: 6 months with possibility of extension
Location: Heraklion, Crete, Greece
Opening date: 21/05/2024
Closing date: 31/05/2024
Ref.: “VeriFish_May2024”

Description
We seek a software engineer, specifically an BSc degree holder in Computer Engineering or Computer Science, with background in European and/or National RTD Projects, to assist in the project activities, in particular for the design and implementation of the indicators knowledge base as well as the services for accessing it. The candidate will participate in the R&D activities of FORTH in the context of the project: VeriFish: Stimulating sustainable seafood consumption through a verifiable indicator framework, funded by the European Commission under the Horizon Europe Programme (HORIZON-MISS-2023-OCEAN-01-10), Grant Agreement ID: 101156426’’.
VeriFish project aims to deliver an indicator framework to facilitate understanding of the complexity that lays behind the definition of sustainable seafood, to enhance communication about the importance of production and consumption of sustainable seafood and aquaculture. Despite its potential advantages in terms of climate impact, sustainability, and nutrition, seafood is frequently disregarded or lumped together with meat. The potential benefits of seafood are often overlooked, particularly in the transition towards a sustainable, equitable and balanced protein system. Seafood consumption in Europe is low compared to meat products, and locally produced seafood often cannot compete with imported products because consumers do not know about or value local seafood. To enable healthy and sustainable choices, consumers need information about sustainability and nutrient values as well as provenance and potential health risks and benefits. In this context, VeriFish will work on the creation of a prototype web application, a series of media products and recommendations for communicating sustainability indicators to various stakeholders including guidelines for retail and the hospitality sectors. The goal is to provide an accessible and dynamic framework for the improvement of communication and understanding of sustainable seafood production and consumption.

Required qualifications
- BSc degree in Computer Engineering, Computer Science or related field
- Five years working experience in software development and web development, based on open software, with special interest in:
  - design and implementation using Java object-oriented language, Web technologies and programming (REST Web-services, HTML5, CSS, Jquery, Bootstrap, ReactJS, JSON technologies and databases, AngularJS, Open Layers, JSF, etc.)
  - design and implementation of services and tools for semantic data integration and knowledge representation, using RDF and XML technologies (XML, RDF, SPARQL) and related databases and tools (XML-databases, RDF triple stores: Virtuoso, GraphDB, Blazegraph)
  - schema mappings technologies and frameworks
  - design and implementation of services and tools for relational and document based (NoSQL) databases (i.e. MySQL, PostgreSQL, H2, MongoDB, CouchDB)
  - good knowledge of widely used application frameworks (i.e. Spring Framework)
  - use of software development version control platforms (i.e. Github), and project management and issue tracking platforms (i.e. Jira, redmine)
- Working experience in European and/or National ICT RTD projects and in preparation of deliverables
- Good knowledge of English
- Willingness and ability to work cooperatively within a team, to learn, and to adapt to the projects
- Letters of recommendation
- Physical presence at FORTH, Heraklion, Crete for the duration of the position

Desired qualifications
- Experience with CIDOC – CRM ontology (ISO 21127:2014) and its extensions
- Experience in implementing security and data privacy policies (authentication and authorization services, encryption mechanism)
- Decision making and representation of the team/laboratory/institute in both national and international level

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 of
- Scanned copies of academic titles; analytical grades for each undergraduate and postgraduate course
- Letters of recommendation, detailed presentation of prior work, studies and/or publications, demonstrating knowledge of desired skills.
Contact Information
For information and questions about the advertised position, the activity of the group or the Institute, please contact Maria Moutsaki at moutsaki@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.