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

Position(s): One (1) BSc holder in Computer Science

Project: “Demonstrating Holistic Data-driven Co-Creative Approaches in Nature-Based Solutions towards climate Adaptation and Mitigation” (GreenInCities) (Grant Agreement number: 101139730), funded under Horizon Europe, HORIZON-MISS-2023-CLIMA-CITIES-01 (IA)

Desired starting date: April 1st, 2024
Duration: 12 months on a full-time basis with possibility of extension
Location: Heraklion, Crete, Greece
Opening date: 20/02/2024
Closing date: 01/03/2024
Ref.: “GreenInCities – Feb_2024”

Description
We seek one experienced member for our team, with a background in Computer Science. The candidate will participate in the R&D activities of FORTH in the context of the project “Demonstrating Holistic Data-driven Co-Creative Approaches in Nature-Based Solutions towards climate Adaptation and Mitigation” (GreenInCities) funded under Horizon EUROPE, HORIZON-MISS-2023-CLIMA-CITIES-01 (IA).

GreenInCities is coordinated by INSTITUT D’ARQUITECTURA AVANCADA DE CATALUNYA (IAAC), and FORTH-ICS is a member of the project consortium. The project aims to develop methodologies and tools for collaborative climate mitigation and adaptation urban planning approaches, specifically for deprived areas, addressing three main challenges: improving societal readiness level and awareness of vulnerable groups, going beyond classical greening and renaturing interventions, and leveraging cutting edge technologies to enhance co-creation and maximize urban regeneration impacts.
Position: BSc holder in Computer Science

Required qualifications:

- BSc degree in Computer Science
- Experience in full-stack development using MERN and/or MEAN stack
- Excellent knowledge of JavaScript, HTML, CSS, SQL, Java, C++, C#, C, Python, Unity3D
- Excellent knowledge of Angular/React application development platform
- Experience in Git source code control system
- Experience in Gitlab CI/CD process
- Thorough knowledge of human-centred design and design for all principles and their implementation
- Good knowledge of developing Application Programming Interfaces (APIs) that conform to the constraints of REST architectural style (knowledge of Postman platform is required too)
- Excellent knowledge of English
- Physical presence at FORTH, Heraklion, Crete for the duration of the position

Desired qualifications:

- Previous experience with EU- and/or national - funded RTD projects
- Experience in the implementation of Virtual Reality applications
- Experience in the implementation of Augmented Reality applications
- Experience in the design and development of software applications for ambient intelligence environments
- Experience in the deployment of applications using Kubernetes and Docker
- Experience in the deployment of applications using the Flask micro web framework

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;
- Scanned copies of academic titles;
- Detailed presentation of prior work, studies and/or publications, references etc. demonstrating knowledge of desired skills (e.g. experience on specific programming languages and hardware platforms).

Contact Information:

For information and questions about the advertised position, the activity of the group or the Institute, please contact Iosif Klironomos at iosif@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) calendar 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.
Disclaimer

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.