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

**Position(s):** One (1) MSc holder in Computer Science

**Project:** “MetamorphoSis of cultural Heritage Into augmented hypermedia assets For enhanced accessibiliTy and inclusion” (SHIFT) (Grant Agreement number: 101060660), funded under Horizon Europe, HORIZON-CL2-2021-HERITAGE-01 (RIA)

**Desired starting date:** January 1st, 2024

**Duration:** 12 months on a full-time basis with possibility of extension

**Location:** Heraklion, Crete, Greece

**Opening date:** 20/11/2023

**Closing date:** 30/11/2023

**Ref.:** “SHIFT - Nov2023”

**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 “MetamorphoSis of cultural Heritage Into augmented hypermedia assets For enhanced accessibiliTy and inclusion” (SHIFT), funded under Horizon EUROPE, HORIZON-CL2-2021-HERITAGE-01 (RIA).

SHIFT is coordinated by SOFTWARE IMAGINATION & VISION SRL (SIMAVI), Romania, and FORTH-ICS is a member of the project consortium. The project aims to deliver a set of loosely coupled, technological tools, that offers cultural heritage institutions the necessary impetus to stimulate growth, and embrace the latest innovations in artificial intelligence, machine learning, multi-modal data processing, digital content transformation methodologies, semantic representation, linguistic analysis of historical records, and the use of haptics interfaces to effectively and efficiently communicate new experiences to all citizens (including people with disabilities). The development of SHIFT tools will be carried out in close consultation with the stakeholder communities represented in the project.
Position: BSc holder in Computer Engineering or equivalent

Requirements:
- MSc degree in Computer Science
- Good knowledge of Unity3D and C#
- Very good experience in the development of VR and AR environments
- Very good experience with user-centered design projects (requirements elicitation, interface, interaction and experience design, expert/heuristic evaluation and user testing)
- Very good experience with VR Headsets including Oculus (Rift, Quest, Quast II) and AR Headsets including (Magic Leap 2)
- Previous experience with EU-funded projects
- Thorough knowledge of English
- Physical presence at FORTH, Heraklion, Crete for the duration of the position
- Good experience in eXtended Reality accessibility

Desired qualifications:
- Experience in haptic-base interaction and use of haptic devices
- Good knowledge of RabbitMQ, Python, Angular & Node Js
- Experience with design and development of software for Ambient Intelligence Environments
- Communication, coordination and management skills

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.