



ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ
ΥΠΟΥΡΓΕΙΟ ΑΝΑΠΤΥΞΗΣ ΚΑΙ ΕΠΕΝΔΥΣΕΩΝ
ΓΕΝΙΚΗ ΓΡΑΜΜΑΤΕΙΑ ΕΡΕΥΝΑΣ ΚΑΙ ΤΕΧΝΟΛΟΓΙΑΣ

ΙΔΡΥΜΑ ΤΕΧΝΟΛΟΓΙΑΣ ΚΑΙ ΕΡΕΥΝΑΣ, ΙΝΣΤΙΤΟΥΤΟ ΠΛΗΡΟΦΟΡΙΚΗΣ

Ταχ. Διεύθυνση: Ν. Πλαστήρα 100, 70013 Ηράκλειο Κρήτης

Α.Π. 40142

Ηράκλειο, 02-11-2020

**Call for expression of interest for four (4) positions: two (2) MSc holders in Computer Science, one (1) MSc holder in Computer Systems / Electronics, and one (1) BSc holder in Information Systems/Computer Science,
in the Institute of Computer Science (ICS)
Foundation for Research and Technology – Hellas (FORTH)**



Position(s):

Two (2) MSc holders in Computer Science
One (1) MSc holder in Computer Systems / Electronics
One (1) BSc holder in Information Systems/Computer Science

Project: “Deep AR Law Enforcement Ecosystem” (DARLENE) (Grant Agreement number: 883297), funded under Horizon 2020, SU-FCT02-2018-2019-2020

Desired starting date: January 1st, 2021

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

Location: Heraklion, Crete, Greece

Opening date: 02/11/2020

Closing date: 17/11/2020

Ref.: “DARLENE”

Description

We seek four experienced members for our team, three at the postgraduate level and one at the BSc level, with a background in Computer Science, Information systems and Electronics. The candidates will participate in the R&D activities of FORTH in the context of the project “Deep AR Law Enforcement Ecosystem” (DARLENE), funded under Horizon 2020, SU-FCT02-2018-2019-2020.

ΑΝΑΡΤΗΤΕΑ ΣΤΟ ΔΙΑΔΙΚΤΥΟ

DARLENE is coordinated by CERTH and FORTH-ICS is a member of the project consortium. The project aims to investigate means by which AR can be deployed in real time to aid in Law Enforcement Agencies' (LEA) decision-making by employing AR capabilities and combining them with powerful ML algorithms, sensor information fusion techniques, 3D reconstruction, wearable technology and personalized context-aware recommendations. Hence DARLENE will offer European LEAs a proactive security solution which will provide an IoT level of Situational Awareness, detection and recognition, combining cutting edge technology and public security in all security verticals.

Position 1: MSc holder in Computer Science

Required qualifications:

- MSc degree in Computer Science
- Experience with user-centred design projects (requirements elicitation, interface, interaction and experience design, expert/heuristic evaluation and user testing)
- Thorough knowledge of design guidelines and heuristics, particularly for Ambient Intelligence (AmI) environments, applications and services
- Communication, coordination and management skills
- Willingness and ability to work cooperatively within a team, to learn, and to adapt to the project's requirements
- Excellent knowledge of Web Services: (SOAP, REST, WCF)
- Thorough knowledge of English
- Physical presence at FORTH, Heraklion, Crete for the duration of the position
- Experience with EU and/or national - funded projects

Desired qualifications:

- Web Technologies: HTML / CSS / XHTML, JavaScript / DHTML / Ajax, XML / XSL), Web Usability and Accessibility (W3C-WAI)
- Databases design (MS SQL Server 2008, TRANSACT SQL)
- Experience in service oriented middleware development for Ambient Intelligence Environments

Position 2: MSc holder in Computer Science

Required qualifications:

- MSc degree in Computer Science and Multimedia technologies
- Excellent knowledge of C/C++, Java, Java for mobile applications
- Excellent knowledge and experience with programming tools for Android OS, for mobile apps development
- Excellent knowledge of Arduino and compatible microcontrollers programming
- Excellent knowledge of sensor network programming for micro-controllers and micro-computers
- Thorough knowledge of English
- Physical presence at FORTH, Heraklion, Crete for the duration of the position

Desired qualifications:

- Experience in 3D modelling

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- Experience with design and development of software for Ambient Intelligence Environments

Position 3: MSc holder in Computer Systems / Electronics

Required qualifications:

- MSc degree in Computer Systems / Electronics or related field
- Experience with user-centred design projects (requirements elicitation, interface, interaction and experience design, expert/heuristic evaluation and user testing)
- Thorough knowledge of design guidelines and heuristics, particularly for Ambient Intelligence (Aml) environments, applications and services
- Communication, coordination and management skills
- Willingness and ability to work cooperatively within a team, to learn, and to adapt to the projects
- Thorough knowledge of English
- Thorough knowledge of a second foreign language
- Physical presence at FORTH, Heraklion, Crete for the duration of the position
- Experience with EU- and national- funded projects

Desired qualifications:

- Programming languages: ECMAScript (JavaScript, ActionScript); Java; Visual Basic; C/C++
- Web Technologies: HTML; MXML; XML; CSS; JSON; NodeJS; Web Usability and Accessibility (W3C-WAI)
- Development Platforms: Visual Studio; Flash Builder; Eclipse; BlueJ; Matlab; Arduino/Waspmote; Game Maker; Android Studio

Position 4: BSc holder in Computer Science

Required qualifications:

- BSc degree or equivalent in Computer Science
- Excellent knowledge and experience with internet applications programming
- Excellent knowledge and experience with interactive multimedia applications development
- Excellent knowledge of HTML/HTML5, CSS/CSS3, Javascript, MySQL, PHP
- Good knowledge of English
- Proven experience with internet services development using Drupal

Desired qualifications:

- Previous experience with RTD projects
- Experience with Unity Game Engine
- Experience with graphic design and creative picture editing in Photoshop

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;

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- 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) 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.

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.