UNIVERSITY OF CYPRUS DEPARTMENT OF COMPUTER SCIENCE VACANT POSITIONS FOR RESEARCH ASSISTANT

Title: Research Assistant

No. of Position(s): Two (2) Positions (full-time)

Category: One-year contract (may be renewed up to 3 years)

Location: University of Cyprus, Nicosia **Start Date:** September or October 2020

The Laboratory for Internet Computing (LINC - http://linc.ucy.ac.cy), Department of Computer Science at University of Cyprus, announces two (2) Research Assistant positions for the European projects, **RAINBOW** and **TRUSTEDFOG**

Rainbow is an open trusted fog computing platform facilitating the deployment, orchestration and management of scalable, heterogenous and secure IoT services and cross-clouds apps. Rainbow falls within the bigger vision of developing a platform enabling users to remotely control the infrastructure that is running, potentially, on hundreds of edge devices (i.e.: wearables) thousands of fog nodes in a factory building or flying in the sky (i.e.: drones), and millions of vehicles travelling in a certain area or across Europe.

TrustedFog is a project which enables the trustworthiness and sustainability of emerging open fog/edge computing platforms for the connection of devices and objects with dynamically configurable capabilities and the deployment and management of scalable, heterogeneous and secure IoT services and cross-cloud applications.

The implementations of TrustedFog developments contribute directly to the growing cybersecurity market, while enabling edge/fog based intelligent service provisioning, which is reported as the fastest growing and most impactful (financially and societally) ICT sector in the upcoming years.

QUALIFICATIONS

- Candidates should be graduates in Computer Science or Computer Engineering and/or have a Master or PhD degree in a relevant scientific area.
- Strong programming and operating system skills (Java, Linux) for building cloud-based applications and services.
- Knowledge of Software Engineering techniques and tools (Agile development, Github, SVN, UX).
- Strong background in Distributed Computing and Web Technologies (HTTP, Javascript, HTML).
- Candidates must have an excellent command of English language both written and verbal, as well as good interpersonal skills.

Additional qualifications

- Experience in Cloud platforms (OpenStack, VMWare), Containers (Docker, Kubernetes).
- Experience in Eclipse IDE, Eclipse Che.

DUTIES AND RESPONSIBILITIES

The candidate will join the research team of the Laboratory for Internet Computing (LINC) and will perform cutting-edge research in the area of Cloud Computing. The

Applicant's duties will include i) the completion of the project work packages, ii) cooperation with both international groups and the rest of the research team of the Laboratory for Internet Computing, iii) scientific contribution to the themes of the research program iv) writing scientific papers and technical reports in English language as well as presentations at international scientific forums, and v) consistency in the timelines agreed and accountability in the management of all technical aspects of the laboratory and the research team.

CONDITIONS OF EMPLOYMENT

The positions are for full time for a period of one year (with a 3-month probationary period), renewable up to 3 years. <u>13th salary and medical coverage are not provided</u>.

The gross salary will be set on a monthly full-time basis, in the range of €1.500 - €2.500, depending on qualifications and experience. Employee and employer contributions to Social Security and other Government Funds will be deducted from the gross salary amount, accordingly.

TO APPLY

Interested parties are requested to submit:

- A CV in English.
- A brief statement of interest for the post and prior relevant experience, written in English language (no more than 500 words).
- Names and contact details of at least two referees who can provide recommendations.

Applications should be submitted electronically to Mrs. Demetra Katziani at dkatzi01@cs.ucy.ac.cy with subject line RAINBOW-TRUSTEDFOG/vacancies2020/NAME SURNAME.

The deadline for the submission of the applications is the 31st July 2020, 12:00pm (midday) CY local time.

All applications will be treated in strict confidence.

For more information you can contact the project's Principal Investigators:

Prof. Marios Dikaiakos (mdd@cs.ucy.ac.cy) and

Dr. George Pallis (gpallis@cs.ucy.ac.cy)