

**UNIVERSITY OF CYPRUS**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**VACANT POSITION FOR RESEARCH ASSISTANT**

<b>Title:</b>	Research Assistant
<b>No. of Position(s):</b>	Three (3) Positions (full-time)
<b>Category:</b>	One year contract (may be renewed up to 3 years)
<b>Location:</b>	University of Cyprus, Nicosia

The Laboratory for Internet Computing (<http://linc.ucy.ac.cy>), Department Computer Science of the University of Cyprus announces three (3) Research Assistant positions for the European project UNICORN “A Novel Framework For Multi-Cloud Services Development, Orchestration, Deployment And Continuous Management Fostering Cloud Technologies Uptake From Digital SMEs/Startups”.

The UNICORN project aims to simplify the design, deployment and management of secure and elastic –by design- multi-cloud services. This will be achieved by a) development and design libraries that will provide security enforcement mechanisms, data privacy restrictions, monitoring metric collection and resource management; b) enabling continuous orchestration and automatic optimization of portable and dynamic cloud services running on virtual instances or micro-execution containers for increased security, data protection privacy and vast resource (de)-allocation.

### **QUALIFICATIONS**

- Candidates should be graduates in Computer Science or Computer Engineering 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)
- Excellent knowledge of English. Candidates are expected to write and communicate in English with their project partners.

### **Additional qualifications**

- Experience in Eclipse IDE, Eclipse Che, Cloud platforms (OpenStack, VMWare), Containers (Docker).
- Strong background in Distributed Computing and Web Technologies (HTTP, Javascript, HTML).
- Experience in technical writing and presentation in English.

### **DUTIES AND RESPONSIBILITIES**

The candidate will join the research team of the Laboratory for Internet Computing 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 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 monthly gross salary will be in the range of €1.500-€3.300, depending on qualifications and experience. From this amount employer and employee contributions to the various Government Funds will be deducted. The contract is for 1 year. 13th salary and medical coverage are not provided.

## **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 (no more than 500 words).
- Names and contact details of at least two referees who can provide recommendations.

Applications should be submitted electronically to [mpoveda@cs.ucy.ac.cy](mailto:mpoveda@cs.ucy.ac.cy), with subject line UNICORN-RA201701. Deadline for Applications extended until 02 December 2017. Interviews will be held in December.

For more information you can contact the project's Principal Investigators, Prof. Marios Dikaiakos ([mdd@cs.ucy.ac.cy](mailto:mdd@cs.ucy.ac.cy)) and Dr. George Pallis ([gpallis@cs.ucy.ac.cy](mailto:gpallis@cs.ucy.ac.cy)).