

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, heterogeneous 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

