



## SENIOR TECHNICAL SPECIALIST: CLOUD COMPUTING SYSTEM SUPPORT

(2 year contract position)

### INFORMATION & COMMUNICATION TECHNOLOGY SERVICES

The University of Cape Town seeks to appoint a Senior Technical Specialist supporting its OpenStack cloud computing environment, and the ILIFU Cloud project which provides research computing and storage to Astronomy and Bioinformatics scientists across a number of institutions in South Africa. In particular we would like someone to support and develop our OpenStack deployment and CEPH storage systems. We are looking for versatile applicants who are passionate about technology and dedicated to reliable services. The successful applicant will work independently, and have opportunities to display initiative in a fast-paced and heterogeneous environment where his/her accomplishments lead directly to the success of cutting edge scientific research.

#### Minimum qualifications and experience:

- BSc in Computer Science, Engineering or related subject
- Minimum 2 years professional system support experience
- Demonstrated experience in:-
  - Linux system administration
  - Supporting Infrastructure as a Service (IaaS) cloud computing environments
  - Use of Configuration Management Systems

#### Experience with any of the following would be to your advantage:

- Supporting OpenStack IaaS systems.
- Supporting CEPH storage systems.
- Experience with Single Sign-on/Federation technologies such as Shibboleth
- Experience with Ansible
- Experience supporting research computing
- Experience providing systems support in academic environment
- Experience supporting tools for WAN file transfer (GridFTP, Globus etc.)
- Scripting and programming with Python

The total annual remuneration package is negotiable between R543772 to R867177, depending on the specific job appointment, based on experience and qualifications. Note that this is a total package, please see the UCT COE calculator at: <http://www.hruct.co.za/> to model typical net salary.

**To apply**, please e-mail the below documents in a **single pdf file** to: [icts-jobs@uct.ac.za](mailto:icts-jobs@uct.ac.za)

- UCT Application Form (download at <http://forms.uct.ac.za/hr201.doc>)
- Cover letter, and
- Curriculum Vitae (CV)

An application which does not comply with the above requirements will be regarded as incomplete and not considered.

Only shortlisted candidates will be contacted and will be required to undergo a competency test.

**Telephone:** 021 650 3012

**Website:** [www.icts.uct.ac.za](http://www.icts.uct.ac.za)

**Reference number:** E80804

**Closing date:** 14 August 2018

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UCT reserves the right not to appoint.