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STELLENBOSCH
UNIVERSITY



 Library and Information Service

Systems Administrator: Linux systems, Stellenbosch University Library

(Ref. BIB/005/0120)

Working hours: Monday to Friday 08:00-16:30

Duties:

The incumbent will be responsible for the technical administration of the Linux-based software applications in the Library and Information Service, while liaising with ICT and Library staff to research and implement technologies for web, scholarly communication and research support services.

- Providing first-level application support for niche Linux-based systems for the development of web technologies, scholarly communication and research support;
- Maintaining all installed Linux software applications and systems infrastructures;
- Continuously liaising with the institutional ICT Division on systems administration and related support incidents;
- Researching, installing, configuring and testing Linux and cloud-based software applications;
- Providing technical support for data wrangling, analysis and reporting across different library systems;
- Maintaining documentation of systems configuration and workflow processes.

Requirements:

- A B-degree in Information Technology or Computer Science, or equivalent qualification in a related field;
- A minimum of two years' relevant work experience in systems administration;
- Experience in the management of Linux operating systems on command-line level (CLI);
- Experience in database management software such as MySQL or PostgreSQL;
- Experience in data manipulation and analysis;
- Experience in working with data curation tools and digital preservation systems;
- Good communication skills.

Recommendations:

- LPI certification;
- Working level knowledge of R, Python, or related data science tools;
- Knowledge of descriptive metadata schemas and bibliographic standards.

Commencement of duties: 1 April 2020 or as soon as possible thereafter

Closing date: 14 February 2020

Enquiries regarding this position: Mr. Wouter Klapwijk on 021 808 4378, or at wklap@sun.ac.za

Enquiries regarding remuneration/benefits as well as technical assistance with the electronic application process: Human Resources Client Service Centre on 021 808 2753

The University is committed to employment equity (EE), and appointments will be made in line with the EE plan for the specific environment as well as Stellenbosch University's institutional EE Plan.

The University reserves the right not to make an appointment.

Your application, comprising **a comprehensive curriculum vitae (including the names and e-mail addresses of at least three referees)**, must reach the University before or on the closing date of the advertised post.

APPLY ONLINE BY USING THE “APPLY NOW” LINK AT THE TOP RIGHT-HAND CORNER OF THIS PAGE.

The University reserves the right to investigate qualifications and conduct background checks on all candidates.

Should no feedback be received from the University within four weeks of the closing date, kindly accept that your application did not succeed.



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1918 · 2018



Bibliotek- en Inligtingsdiens

Stelseladministrateur: Linux-stelsels, Universiteit Stellenbosch Bibliotek

(Verw. BIB/005/0120)

Werkure: Maandag tot Vrydag 08:00-16:30

Pligte:

Die posbekleër sal verantwoordelik wees vir die tegniese administrasie van die Bibliotek- en Inligtingsdiens se Linux-gebaseerde sagteware-applikasies, en om terselfdertyd met IKT- en Bibliotekpersoneel te skakel vir die ondersoek na, en implementering van, webgebaseerde, wetenskaplike kommunikasie- en navorsingsteunstelseltegnologieë.

- Verskaf eerstevlak toepassingsteun vir nis Linux-gebaseerde stelsels vir die bevordering van webtegnologieë en wetenskaplike kommunikasie- en navorsingsondersteuning;
- Instandhouding van alle Linux-gebaseerde sagteware-toepassings en stelselinfrastrukture;
- Deurlopende skakeling met die institusionele IKT departement vir stelseladministrasie en foutinsidentondersteuning;
- Die ondersoek na, asook die installering, konfigurasie en toetsing van, Linux- en wolkgebaseerde sagteware-toepassings;
- Verskaf tegniese steun vir die verwerking, analise en verslagdoening van data oor verskeie bibliotekstelsels;
- Deurlopende opdatering van dokumentasie vir stelselkonfigurasie en werksvloeiprosesse.

Vereistes:

- 'n B-graad in Inligtingstechnologie of Rekenaarwetenskap, of gelykwaardige kwalifikasie in 'n verwante veld;
- 'n Minimum van twee jaar toepaslike werkservaring in stelseladministrasie;
- Ondervinding in die bestuur van Linux-bedryfstelsels op reëlopdrag ("command-line")-vlak;
- Ervaring met databasisbestuurstelsels soos MySQL en PostgreSQL;
- Ervaring in datamanipulasie en -analise;
- Ervaring van werk met datakurasiehoelpmiddels en digitale bewaringstelsels;
- Goeie kommunikasievaardighede.

Aanbevelings:

- LPI sertifikasie;
- Praktiese kennis van R, Python, of verwante datawetenskaptegnologieë;
- Kennis van beskrywende metadataskemas en bibliografiese standaarde.

Diensaanvaarding: 1 April 2020 of so gou doenlik daarna

Sluitingsdatum: 14 Februarie 2020

Navrae rakende die posinhoud: Mnr Wouter Klapwijk by 021 808 4378, of by wklap@sun.ac.za

Navrae rakende vergoeding/voordele asook tegniese bystand met die elektroniese aansoekprosedure: Menslike Hulpbronne-kliëntedienssentrum by 021 808 2753.

Die Universiteit is verbind tot diensbillikheid (DB), en aanstellings sal ooreenkomstig die DB-plan vir die betrokke omgewing sowel as die Universiteit Stellenbosch se institusionele DB-plan gedoen word.

Die Universiteit behou die reg voor om nie 'n aanstelling te maak nie.

U aansoek moet vergesel wees van 'n **volledige curriculum vitae (insluitend die name ene-posadresse van ten minste drie referente)**, en moet die Universiteit voor of op die sluitingsdatum van die advertensie bereik.

DOEN AANLYN AANSOEK DEUR OP DIE "APPLY NOW"-SKAKEL" REGS BO-AAN HIERDIE BLAD TE KLIK.

Die Universiteit behou die reg voor om kwalifikasies na te gaan en agtergrondinligting oor alle kandidate in te win.

Indien u nie binne vier weke na die sluitingsdatum van hierdie advertensie van die Universiteit verneem nie, aanvaar asseblief dat u aansoek onsuksesvol was.
