

Library and Information Service

Senior System Administrator: Linux (Post Level 8) (Stellenbosch Campus)

Ref. BIB/146/0625

The incumbent will form part of a team responsible for administering and developing various systems in the library in support of the academic and research administration process at Stellenbosch University (SU). This is a dynamic environment where skills are developed, and tasks are assigned as the need changes. At present, there are opportunities to invest skills in building and administering the open infrastructure technology that learning and research systems rely on.

Biblioteek- en Inligtingsdiens

Senior Stelseladministrateur: Linux (Posvlak 8) (Stellenbosch-kampus)

Verw. BIB/146/0625

Die posbekleër sal deel vorm van 'n span wat verantwoordelik is vir die administrasie en ontwikkeling van verskeie stelsels in die biblioteek ter ondersteuning van die akademiese en navorsingsadministrasieprosesse by die Universiteit Stellenbosch (US). Dit is 'n dinamiese omgewing waar vaardighede ontwikkel word, en take toegewys word soos die behoefte verander. Tans is daar geleenthede om vaardighede te belê in die bou en administrasie van die oop infrastruktuurtegnologie waarop leer- en navorsingstelsels berus.

Duties/Pligte:

- Installing, daily maintenance and monitoring of Linux computer systems and servers.
- Benchmarking and testing Artificial Intelligence-based applications for scholarly communication and research support systems.
- Setting the standards for the implementation, administration, improvement, maintenance and documentation of Linux application services in the library in collaboration with the campus Linux support community.
- Designing, implementing, testing and documenting new Linux-based computer systems and overseeing their integration with other campus technologies in support of the business processes of Stellenbosch University.
- Advising and assisting the Director: Information Technology Services on server and storage infrastructure management.
- Installasie, daaglikse instandhouding en monitering van Linux rekenaarstelsels en bedieners.
- Die maatstaf en toets van Kunsmatige Intelligensie-gesteunde toepassings vir vakkundige kommunikasie en navorsingsondersteuningstelsels.
- Stel die standaarde vir die implementering, administrasie, verbetering, instandhouding en dokumentasie van Linux-toepassingsdienste in die biblioteek in samewerking met die kampus Linux-ondersteuningsgemeenskap.
- Ontwerp, implementeer, toets en dokumenteer nuwe Linux-gebaseerde rekenaarstelsels en hou toesig oor die integrasie daarvan met ander kampustegnologieë ter ondersteuning van die besigheidsprosesse van die Universiteit Stellenbosch.
- Adviseer en help die Direkteur: Inligtingstegnologiese dienste met bediener- en stoorspasië infrastruktuurbestuur.

Requirements/Vereistes:

- National senior certificate with eight years' relevant experience, **OR** an information technology or computer Science B-degree/national diploma with three years' relevant experience, **OR** a relevant IT certificate with six years' relevant experience.
- Proven experience in the systems administration of Linux systems.
- Working level knowledge of R, Python or related data science tools.
- Detailed knowledge of cybersecurity practices to protect systems from digital attacks.
- Demonstrated ability to solve problems innovatively.
- Demonstrated ability to work in a team (within a Linux community of practice), as well as independently.
- Sound verbal and written communication skills.

Candidates may be subjected to aptitude, psychometric and proficiency tests.

- Nasionale senior sertifikaat met agt jaar toepaslike ervaring, **OF** 'n inligtingstegnologie of rekenaarwetenskap B-graad/nasionale diploma met drie jaar toepaslike ervaring, **OF** 'n toepaslike IT sertifikaat met ses jaar toepaslike ervaring.
- Bewese ervaring in die stelseladministrasie van Linux-stelsels.
- Werksvlakkennis van R, Python of verwante datawetenskapshulpmiddels.
- Gedetailleerde kennis van kubersekeriteitspraktyke om stelsels teen digitale aanvalle te beskerm.
- Gedemonstreerde vermoë om probleme innoverend op te los.
- Gedemonstreerde vermoë om in 'n span te werk (binne 'n Linux gemeenskap van praktyk), sowel as onafhanklik.
- Goeie mondelinge en skriftelike kommunikasievaardighede.

Kandidate kan aan aanleg, psigometriese en vaardigheidstoetse onderwerp word.

Recommendations/Aanbevelings:

- Experience in creating and debugging Linux scripts.
- Ervaring met die ontwikkeling en ontfouing van Linux "scripts".

Commencement of duties/Diensaanvaarding:

01 October 2025

01 Oktober 2025

Closing date/Sluitingsdatum:

14 July 2025

14 Julie 2025

Enquiries regarding this post: 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 Services Centre on 021 808 2753 (Stellenbosch) / 021 938 9636 (Tygerberg), or at sun-e-hr@sun.ac.za

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

Navrae oor vergoeding/voordele asook tegniese ondersteuning met die elektroniese aansoekproses: Menslike Hulpbronne Kliëntedienssentrum by 021 808 2753 (Stellenbosch) / 021 938 9636 (Tygerberg), of by sun-e-hr@sun.ac.za

Stellenbosch 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 the EE Plan of the University.

Stellenbosch University reserves the right not to make an appointment.

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

APPLY ONLINE AT <https://www.sun.ac.za/english/careers> BY USING THE APPLY NOW LINK AT THE TOP RIGHT-HAND CORNER OF THE SPECIFIC VACANCY PAGE.

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

The Occupational Health and Safety Act requires people in occupations that entail potential exposure to certain hazards (such as, but not limited to: noise, hazardous chemical substances and hazardous biological agents) to be subjected to medical screening, to determine their fitness to work in the said occupations.

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

Die Universiteit Stellenbosch is tot gelyke indiensneming (GI) verbind, en aanstellings word ooreenkomstig die GI-plan vir die betrokke omgewing sowel as ons institusionele GI-plan gedoen.

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

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

DOEN AANLYN AANSOEK BY <https://www.sun.ac.za/afrikaans/loopbane> DEUR OP DIE APPLY NOW-SKAKEL REGS BO-AAN DIE BLAD VAN DIE SPESIFIEKE VAKATURE TE KLIK.

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

Die Wet op Beroepsgesondheid en Veiligheid vereis dat persone in beroepe met potensiële blootstelling aan sekere gevare (soos, maar nie beperk nie tot: geraas, gevaarlike chemiese stowwe en gevaarlike biologiese middels nie), aan mediese keuring onderwerp moet word om vas te stel of hulle geskik is om in genoemde beroepe te werk.

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