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School for Data Science and Computational Thinking

Stellenbosch University

Professor / Associate Professor - Standard Bank Research Chair Three-Year Fixed Term Appointment (Ref. SDS/089/0321)

The School for Data Science and Computational Thinking launched in July 2019 with a vision to be a world-class institution for data science and computational thinking in and for Africa. Its mission includes facilitating collaborative research, offering modules at both undergraduate and postgraduate level, and attracting both private and public funds to stimulate data science and computational thinking-related research at the University. To achieve the School's ambitious vision, Standard Bank has sponsored a virtual laboratory at the School. Part of this grant provisions funding for a three-year Research Chair with focus in recommender systems, building capacity in machine learning, and applying data science for social impact. The Chair is required to work with all the faculties involved with the School to undertake research in the areas specified by the Standard Bank laboratory's steering committee. This is a three-year contract position with possible extension depending on securing further funding.

More information about the School is available on our webpage, at <http://www.sun.ac.za/english/data-science-and-computational-thinking>).

Duties:

- Researching and publication in recommender systems, machine learning, and applying data science for social impact;
- Supervision of postgraduate students;
- Teaching undergraduate and postgraduate modules in the field;
- Writing grant proposals;
- Participating in the Schools consulting activities;
- Performing administrative roles as required by the School, including liaising with the bank and managing the Standard Bank relationship.

Job Requirements

- PhD in Data Science, Statistics, Computer Science or related field;
- Extensive experience in Data Science and Machine Learning in either a research/university or industry environment;
- Demonstrated success in writing grant and/or project proposals;

saam vorentoe • masiye phambili • forward together

Kantoor van die Direkteur | Office of the Director
Skool vir Datawetenskap en Rekenaardienke | School for Data Science and Computational Thinking
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- Demonstrated leadership of research or a technical team;
- Demonstrable excellent verbal and written communication skills.

Recommendations

- Proven ability to foster cross-disciplinary relationships;
- Track record of successful postgraduate supervision, including at the doctoral level;
- A rating by the National Research Foundation (NRF);
- Experience in teaching at undergraduate or postgraduate levels;
- Evidence of ongoing national and international collaboration;
- Experience of working in a multidisciplinary research environment.

How to apply

#LI-POST

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: <http://www.sun.ac.za/english/careers>

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.

Enquiries

Enquiries regarding job content: Prof. Kanshukan Rajaratnam on 021 808 3753, or at kanshu@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, or at SUN-E-HR@sun.ac.za
