The CSIR (Council for Scientific and Industrial Research) is a leading scientific and technology research organisation, implementing projects throughout Africa and making a difference in people's lives.

Software Developer

About the job:

With the proliferation of satellite-based and in-situ sensors, as well as information and communication technology, Earth Observation (EO) is progressing in vast strides. The Software Developer plays a key role in building systems that process diverse EO data to answer global change questions and deliver operational products and services.

We are looking to appoint a **Software Developer** within CSIR Meraka Institute, Earth Observation Science and Information Technology (EOS IT) research areas (in Pretoria). (http://www.csir.co.za/meraka/eos/overview_eos.html).

Key responsibilities:

- Working in teams with other developers and researchers to develop code and systems for analysing satellite remote sensing data for research for operational purposes.

Qualifications, skills and experience:

- Minimum qualification of a Bachelor's degree in computer sciences or engineering.
- Strong programming skills in either C, C++.
- A minimum of 3 – 5 years' experience in software development with a proven track record of delivery on end-to-end software systems.
- Object-orientated software engineering skills.
- Strong experience with Open Source development tools and platforms – Linux.
- Strong quantitative skills (mathematics / statistics / computer science).
- Advantageous: spatial data / image processing / remote sensing experience.
- Advantageous: previous experience in developing web applications that incorporate Geo-spatial mapping services (WMS, WFS).
- Advantageous: previous experience developing Android mobile applications and/or rich client-side web application (AJAX).

Should you meet the above requirements, kindly apply via https://candidate.csir.co.za and select the position reference number **304771;** if you are a first time applicant, you will be required to register before you can submit your application. If you are a returning applicant, please log onto the application system using your user name and password.

Closing date: 30 November 2014

PLEASE NOTE THAT FEEDBACK WILL BE GIVEN TO SHORTLISTED CANDIDATES ONLY.

Should you experience any problems in submitting your application, please contact the CSIR Recruitment Centre at Recruitmentqueries@csir.co.za. Please **do not** submit your application to this mailbox.

*The CSIR is a responsible employer; we have put measures in place to ensure that equity is implemented such that it best serves the interests of the organisation and South Africa as a whole. This speaks to the CSIR's commitment to the Employment Equity Act of 1998. By applying for this position at the CSIR, the applicant understands, consents and agrees that the CSIR may solicit a credit and criminal report from a registered credit bureau and/or SAPS (in relation to positions that require trust and honesty and/or entail the handling of cash or finances) and may also verify the applicant's educational qualifications and employment history. **The CSIR reserves the right to remove the advertisement at any time before the stated closing date and it further reserves the right not to appoint if a suitable candidate is not identified.***