

CAREER OPPORTUNITY

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.

Vacation Work: Data Science for Impact and Decision Enhancement (DSIDE) programme (sponsored by Department of Science and Technology (DST))

About the job:

The CSIR in collaboration with DST has **Vacation Work** opportunities in the field of data science and its associated entrepreneurial activities. The vacation work programme is designed to provide students with experience and understanding of research, development and the implementation thereof in projects with a strong focus in science, engineering, technology, innovation and mathematics. These opportunities are based in Pretoria.

For more information about the CSIR, please visit: <http://www.csir.co.za>

About the programme:

The DSIDE programme is an intensive twelve week program (4 weeks in June/July and 8 weeks in December and January) that places students into multi-disciplinary teams working on real world problems from ICT-related fields.

Mentors from the CSIR data science practitioner community will provide guidance and support on all projects. The goal of the DSIDE programme is to give students an opportunity to solve a real problem in a real context and to give partners an opportunity to tap the skills and ingenuity of a student team. Some problems have been solved under the visual analytic framework with the goal of letting the data tell the story of "What happened", "Where", "How", "When" and the "Value" of the insight. Teams will comprise of technical expertise, entrepreneurial expertise and public policy expertise for a truly interdisciplinary approach. Problems will come from domains such as education, social media, transportation, logistics, energy, smart urban development, government policy making, etc.

Qualification requirements:

- Currently enrolled third, fourth and honours year students studying towards a Bachelor's degree in engineering, science, commerce or arts with majors in computer science, statistics, applied mathematics, economics, entrepreneurship, public policy, graphic design and journalism with good academic standing;
- Ability to identify patterns, solve problems, have an analytic mind and hardworking;
- Strong software development skills;
- All applications must be accompanied by the following documents:
 - Certified copies of tertiary qualifications.
 - Certified copy of the latest academic record.
 - Certified copy of Identity Document.

- Copy of CV (1 page highlighting past experiences and academic work related to the position).

Applicants must be South African citizens.

Should you meet the above requirements, please email your CV to jobapplications@csir.co.za with your name and surname, position title and reference number on the subject line, **(e.g. John Smith: Vacation Work: Reference No: 308113).**

Closing date: 29 May 2017

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

For more info, please contact CSIR Recruitment Centre on **012 841 4774** or email us at Recruitmentinfo@csir.co.za

*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***