



AKHILE - DATA SCIENTIST POSITION ADVERTISEMENT (GRADUATE POSITION)

ABOUT AKHILE DIGITAL

Akhile Digital, subsidiary of the Akhile Group, is an ambitious and fast-growing software house and consultancy specializing in decision support systems and machine learning with Local Government clients across South Africa. We build a unique company driven by a mission to improve our society and environment with decision support systems focused on sustainability. Our flagship product is called MST™ (Municipal Sustainability Tool) and was nominated as a finalist in the Western Cape Digital Innovation Challenge.

We constantly have new and challenging projects that includes analyze super interesting residential and income classification data, tribal area data, municipal services data, satellite images, and then develop solutions to address sustainable water funding models or socio-economic classification models. Our projects are not only an opportunity to test our skills in difficult statistical, algorithmic, and technological problems but also an opportunity to learn how our clients work from the inside.

Tech Stack that you can expect in Akhile Digital: R, Python, Shiny, JavaScript, Plumber, Tidy models, Docker, Git, Azure Cloud, Azure ML Studio, HTML, CSS/ SASS, Plotly, Leaflet.

PURPOSE AND OBJECTIVE

We are growing fast and that is why we are now looking for a young and energetic post graduate to join our dynamic team. We want to change the world using informed data driven decision making!

At Akhile Digital, you can expect a flat organizational structure. In our tech team, each person has their own specialization, so the selection of projects and people who work on client tasks is flexible and depends on who has time to take on additional tasks at any given moment. We have R/Shiny specialists, Frontend Developers, Full stacks, DevOps and Business Analysts in our team - you will have the opportunity to meet and work with each of them and gain exposure in a wide range of areas.

We are looking for a post graduate whose experience and knowledge will enrich our team and allow us to take new directions. This role is for a keen Graduate preferably based in Cape Town, however working remotely will be considered.

RESPONSIBILITIES

- ▲ Creating, maintaining, and developing machine learning models deployed in R/Shiny applications;
- ▲ Providing scalability, security, and modern UI/UX with custom R packages;
- ▲ Cleaning, analyzing and visualizing data;
- ▲ Developing & scale Shiny apps;



- ▲ Creating useful R/Shiny packages and custom internal tooling; and
- ▲ Hosting workshops and creating tutorials with other team members to teach others what we have learned.

SKILLS

- ▲ Have experience with R programming and building interactive R/Shiny applications;
- ▲ You are familiar with GIT;
- ▲ You can work as an independently in medium-sized projects;
- ▲ You are passionate about what machine learning and statistical models can do for business and society; and
- ▲ You have a relevant post-graduate qualification.

WHAT IS IN IT FOR YOU

- ▲ A powerful laptop computer that will handle large datasets with ease;
- ▲ Incentives for learning and development that help you grow;
- ▲ Remote work with flexible working hours;
- ▲ Projects that have a real impact on the citizens of our country;
- ▲ Opportunity to work with clients where you can see how data science is used; and
- ▲ Opportunity to develop yourself as a Shiny expert in a data science community.

WHAT CAN YOU EXPECT DURING THE RECRUITMENT PROCESS?

- ▲ Screening call with Technical Management team
- ▲ Home assignment (as needed)
- ▲ Interview with CTO
- ▲ Culture Fit Interview (we cherish our values, you can read about it at <https://akhile.co.za/>).

CLOSING DATE

Monday, 28 February 2022 – Subject line of application to read: Graduate Data Science Position.

CONTACT DETAILS

Email applications to: godigital@akhile.co.za