

Curriculum Vitae

Ryan Nel

Environmental Scientist

PERSONAL ATTRIBUTES

I have completed my Bachelors Degree of Technology in Environmental Sciences at the Tshwane University of Technology, which I enrolled for due to a keen interest in the field of natural and earth sciences. I am currently enrolled at Unisa for a BSc Honours in Environmental Monitoring and Modelling due to an interest in the fields of GIS, Environmental Remote Sensing and Environmental Monitoring. I am a person who works smart, learns fast and strives towards precision and accuracy. I have over 4 years consulting and GIS experience in the mining, industrial, engineering and agricultural industries.

PERSONAL DETAILS

Name: Ryan Nel
Date of Birth: 29th August 1987
Address: Flat 601 Chambord Complex
210 Albertus Street
La Montagne
Driver's license: Yes (Code 8) with own transport
Marital Status: Single
Contact Number: 082 309 9553
E-mail address: ryan.nel13@gmail.com

EDUCATIONAL DETAILS

Tertiary Institution: University of South Africa
Qualification: Bachelors Degree of Science (Honours): Environmental Monitoring and Modelling
Dates: 2011 - 2012 (Current Student)
Completed Subjects: Research Methodology
Environmental Monitoring
Environmental Remote Sensing and Modelling (Training in ERDAS)
Current Subjects: Geographical Information Systems (IDRISI Selva Training)
Ecotoxicology

Tertiary Institution: Tshwane University of Technology
Qualification: Bachelors Degree of Technology: Environmental Sciences
Dates: 2009 – 2010
B-Tech Research Project: *Hydrological assessment to determine the impacts of an abattoir on a surface water resource.*

Tertiary Institution: Tshwane University of Technology
Qualification: National Diploma: Environmental Sciences
Dates: 2006 – 2008

High School: Krugersdorp High School
Qualification: Senior Certificate (with Endorsement)
Dates: 2001 - 2005

Additional Courses: GIMS ESRI ArcView 9.2 Level 1 (3 days)
Dates: August 2008

OTHER INFORMATION

Voluntary work: Orion Residence Committee
Duties: General residence management
Planning for social events
Dates: 2007

Voluntary work: Student Mentor @ TUT
Duties: Mentoring
General admin
Dates: 2008

Interests and hobbies: Competitive Dancing (Street style/Hip Hop)
Music
Sports

WORK EXPERIENCE

Employer: Ezendalo Environmental Solutions
Dates: May 2008 – January 2012
Contact person: Daniel Lachenicht
Contact details: 082 827 8873

Responsibilities:

- Compiling Environmental Reports
- Geographical Information Systems (GIS) specialist
- Field Work
- Auditing
- Public Participation
- General Administration

Employer: Baagi Environmental Consultancy
Dates: February 2012 - Current
Contact person: Lordwick Makhura
Contact details: 083 374 6276

Responsibilities:

- Project Management
- Compiling Environmental Reports
- Environmental Geospatial Services
- Field Work
- Public Participation
- General Administration

PROJECT LIST

Ezendalo Environmental Solutions (May 2008 - January 2012)

Water Use Licence Applications:

- Compiling an Integrated Water Use Licence Application for a bulk sewer outfall pipeline – Aurecon
- Compiling 2 separate Integrated Water Use Licence Applications for potable water pipelines – Aurecon
- Compiling an Integrated Water Use Licence Application for an abattoir and proposed water treatment plant- Daybreak Farms
- Compiling an Integrated Water Use License Application for the mining of sands and tailings dumps - Mogale Gold
- Compiling a Water Use Registration application for a golf course – Zwartkops Golf Club

Basic Assessments:

- Compiling a Basic Assessment for bulk fuel storage tanks - Distell Group Limited
- Compiling a Basic Assessment for a dewatering pipeline (XCSA Tweefontein Division) – Jones and Wagener Consulting Engineers
- Compiling a Basic Assessment for a mine expansion project and dewatering pipeline (XCSA iMpunzi Division) – Jones and Wagener Consulting Engineers

Scoping Reports and EIA's:

- Compiling a Scoping Report and EIA for a road diversion - Middelburg Mines (BHPBilliton)
- Compiling a Scoping Report and EIA for in-pit tailings deposition – Rand Uranium
- Compiling a Scoping Report and EIA for a gold recovery processing plant – Rappa Resources

Waste Licence Applications:

- Compiling a Waste Licence Application and supporting Basic Assessment for a fertilizer production plant – Matsopa Minerals

- Compiling a Waste Licence Application and supporting Basic Assessment for an aluminium and copper recovery facility – Kwanda Resources
- Compiling a Waste Licence Application and supporting Basic Assessment for a plastic recycling plant- Multi Plastic Recycling

Other Applications:

- Compiling a Due Diligence for an engineering parts manufacturer – Meschape Industries
- Compiling an Environmental Audit Report for a Siemens manufacturing plant – Beta Risk Management
- Compiling a Risk Assessment for a coal slurry briquette plant – Salubrum Energy Technologies
- Compiling an Environmental-legal risk assessment for a agricultural expansion project – Calanie Broedery
- Compiling a Social Impact Assessment for the Middleburg Water Reclamation Project- Jones and Wagener Consulting Engineers
- Compiling an Integrated Waste and Water Management Plan for Isibonelo Colliery - Jones and Wagner Consulting Engineers

Baagi Environmental Consultancy (February 2012 - Current)

Scoping Reports and EIA's:

- Arnot - Gumeni 400kV power line in Mpumalanga Province for Eskom (**Current Project**).

Waste Licence Applications:

- Asbestos waste disposal facility at Camden Power Station near Ermelo for Eskom (**Current Project**)

Environmental Geospatial Applications:

- Site feasibility assessment for an industrial application in KwaZulu - Natal
- Site feasibility assessment for the proposed asbestos waste disposal site at Camden Power Station
- Various vegetation and soil mapping applications in Limpopo province.