

Curriculum Vitae

Dirkie Uys

Survey Technician (ST1938)

1.

PERSONAL INFORMATION

SURNAME : Uys

FULL NAME : Dirkie Kunz

ID NUMBER : 891027 5025 080

RESIDENTIAL ADDRESS : 2 Umgazi Ave
Wilro Park Exxt 5
Roodepoort
Johannesburg

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WITBEECK
1729

TEL NUMBER (H) : +27 (0) 72 596 0090

TEL NUMBER (W) : +27 (0) 11 764 2168

MATRIMONIAL STATUS : Married

NATIONALITY : S.A. Citizen

LANGUAGE : English & Afrikaans

DRIVERS LICENCE : Code 8

HEALTH : Excellent

HOBBIES : Squash
Photography
Reading

RELIGION : Christian

2.

ACADEMIC QUALIFICATIONS

SCHOOL ATTENDED	:	Hoërskool Roodepoort
HIGHEST SCHOOL QUALIFICATIONS	:	Matric – Senior Certificate (2007)
SUBJECTS	:	Afrikaans
	:	English
	:	Technical Drawing
	:	Mathematics
	:	Science
	:	Computer Programming
	:	Computer typing (Extra subject)
EXTRAMURAL ACTIVITIES	:	Athletics
	:	Cricket
ACHIEVEMENTS AT SCHOOL	:	Prefect – 2007
	:	Athletic Team: 2003 - 2005
	:	Academic Merit Award: 2003 - 2006

3.

TERTIARY EDUCATION

3.1 INSTITUTION	:	University of the North West (Potchefstroom Campus)
QUALIFICATION OBTAINED	:	Completed 1 st year Computer Physics
YEAR OBTAINED	:	2008
SUBJECTS	:	Mathematics I & II
	:	Applied Mathematics I & II
	:	Physics IA, IB & IIA
	:	Statistics I
	:	Computer Skills I
	:	Computer Programming I & II
	:	Physics IA, IB, IIA & IIB
	:	Chemistry I

3.2 INSTITUTION : **University of Johannesburg**
QUALIFICATION OBTAINED : Completed 1st year Information Technology
YEAR OBTAINED : 2009
SUBJECTS : Computer Programming
: Business Management
: Mathematics

3.3 INSTITUTION : **T.U.T**
(Tshwane University of Technology)

QUALIFICATION OBTAINED : National Diploma : Surveying
YEAR OBTAINED : 2014
ACADEMIC MERIT AWARD : Best Survey : Practical student 1st Semester
Best Survey : Practical student 2nd Semester
Best Survey : Practical student 4th Semester

QUALIFICATION OBTAINED : B.Tech : Survey
YEAR OBTAINED : 2016

3.4.1 REGULATORY BODIES REGISTERED WITH :

- South African Geomatics Institute
- SAGI Reg No : 944
- PLATO (South African Council for Professional and Technical Surveyors)
- Survey Technician (ST1938)

4.

EMPLOYMENT HISTORY:

4.1 PREVIOUS EMPLOYMENT

4.1.1 STERLIG KWEKERY

February 2005 - September 2007

POSITION HELD : Sales assistant

4.1.2 MICA HARDWARE

December 2008 (Vacation employment)

POSITION HELD : Sales assistant

4.1.3 RALLY SPORT MOTORS

November 2009 – January 2010

POSITION HELD : Assistant Mechanic

4.1.4 CDJ LAND SURVEYORS

January 2010 – September 2012

POSITION HELD : Technical surveyor / Survey assistant

DUTIES : CADASTRAL:

- Subdivisions
- Pegging of township
- Sectional titles
- Beacon replacements / relocations

ENGINEERING:

- Setting out of pipelines, buildings, column centre etc.
- Leveling
- As built surveys
- Topographical surveys
- Ground Control Points for Photogrammetry

DRAFTING:

- Drafting of all cadastral and engineering works such as subdivisions, townships and topographical surveys and as built surveys

4.1.5 KIRCHHOFF PROFESSIONAL SURVEYORS

August 2013 – Current

POSITION HELD : Survey Technician

DUTIES : CADASTRAL:

- Subdivisions
- Pegging of township
- Sectional titles
- Beacon replacements / relocations

ENGINEERING:

- Setting out of pipelines, buildings, column centers etc.
- Leveling
- As built surveys
- Topographical surveys
- Ground Control Points for Photogrammetry
- Precise Control Establishments for construction sites

DRAFTING:

- Drafting of all cadastral and engineering works such as subdivisions, townships and topographical surveys and as built surveys

4.2 SKILLS

- Surveying :
 - As built surveys of buildings
 - Topographical Surveys
 - Volume surveys
 - Setting out work
 - 3D Laser Scanning
 - Industrial Deviation Surveys
 - Photo control for photogrammetry/ Airborne LiDAR
 - UAV operation and processing of images
- Instruments used:
 - Trimble R8 model 3 GPS
 - Trimble R4 model 3 GPS
 - Trimble 5800 GPS system
 - Trimble S3 2" Robotic Total Station
 - Trimble S5 2" Robotic Total Station
 - Trimble S6 5" Robotic Total Station
 - Leica 1201+ 1" TCR Robotic Total Station
 - Leica TS12 2" Robotic Total Station
 - Leica 1200 GPS system

- Leica AT401 0.07” laser tracker
- Nikon DTM362 5” Total Station
- Nikon Nico C5 5” Total Station
- Faro 120 3D Laser Scanner
- Faro 330 3D Laser Scanner
- Leica P20 Laser Scanner
- Leica P40 Laser Scanner
- DJI Phantom 3 Adv/Pro

Software used :

- AutoDesk AutoCad 2011 – 2016
- AutoDesk ReCap 2013 – 2016
- AutoDesk Revit 2014 – 2016
- AutoDesk AutoCad Civil 3D 2011, 2015
- ModelMaker (Volumes, Sections, CAD, Contours)
- SURPAC
- Microsoft Office
- Bentley Microstation V8i
- TerraSolid for Microstation V8i
- Carlson Civil Suite for AutoCad 2011 – 2015
- EasySurv
- Pix4D
- Menci APS
- Agisoft Photoscan

Project experience :

- Kitwe Tailing Dam Volumes, Zambia (Project worth : R1 150 000)
- Kusile Power Station : Setting out of PJFFJ unit 1 and unit 2 (R6 500 000)
- Kusile Power Station : As-built survey of construction (R5 300 000)
- Steelpoort Tailings Dam Volume (R500 000)
- Detail Survey of Sunnyside Roads, Pretoria for BRT (Bus Rapid Transport) (R1 300 000)
- De Villiers Street 3D Model (R10 250 000)
- St Davids Marist Brothers 3D Model (R1 200 000)
- B&E Quarry monthly volumes (Middelburg, Kusile, Bronkhorstspuit)
- Wilmar Continental Soya Bin Volumes (3D Scan)
- Beira Port Coal Volumes, Mozambique
- Bruma Lake Shopping Centre 3D model (3D scan)
- Gautrain Station OR Tambo Airport 3D scanning, modeling and setting out on site
- Setting out of buildings, columns, manholes and earth work for :
 - o Northlands Projects
 - o MTN Datacentre, Midrand (Grinaker LTA)
 - o Standard Bank Datacenter, Midrand (Grinaker LTA)
 - o R5 Water pipeline, Benoni
 - o Kusile Power Station
 - o House Quba (CTS Projects)
- Volume calculations for 8 landfill site in Pretoria by aerial photogrammetry

5. EXTRAMURIAL ACTIVITIES

: Squash
: Paintball
: Photography

6. REFERENCE

: Corne de Jager
Director
CDJ Landmeters
Tel +27 (011) 768 1233
Mobile +27 076 735 4613

: Derick Badenhorst
Director
Geoglobe Surveys
Tel +27 (011) 764 2168
Mobile +27 072 465 9259