

Ben Pietersen

DATA ANALYST,
DEVELOPER, ENGINEER

EDUCATION

University of Pretoria
BSc. Information and
Knowledge Systems
(Triple major with Statistics &
Business Management).
Class of 2022

APPLICATION SUITES

Statistical Modelling with SAS.
Geo-analysis with ENVI & SNAP.
3D modelling & Design with
Autodesk Fusion 360.
Microcontrollers with GCode for
Arduino.

PROGRAMMING LANGUAGES

LAMP Stack (3+ years)
C/C++ (3+ years)
Python (3 years)
T-SQL/MySQL (2 years)
Java (2 years)
Typescript/Javascript (1 year)

INDUSTRY EXPERIENCE

Data Analyst | 2019-2020

H&M Information Management Services - Rosebank, Johannesburg

This involved regression modelling, categorical data analysis and other techniques to determine trends and patterns for international clients. I did both client consultation as well as full end to end data science solutions including building custom web scraping and document extraction tools.

Ref: Eddie Harvey | eharvey@docwize.com | +27 83 259 0542 |

<https://www.docwize.com/>

Languages with less than 1 year
of programming experience:

HTML & CSS

Assembly (YASM | x86_64)

GENERAL INFORMATION

Born: 12 January 1998
Sex: Male
Languages: Afrikaans, English
Occupation: Undergraduate
Nationality: South African
Disabilities: None
Marital Status: Unmarried
Personality Type: INTJ-A
Licenses: Code A, Code B,
ARA L2

PART TIME AND TEMPORARY WORK

Lab Technician | 2018

Design Biologix - CSIR, Pretoria

This involved preparing Bovine Papilloma Virus (BPV) samples in a sterile environment to develop specialized vaccines for the agriculture industry.

Ref: Karen Nel | karen@designbio.co.za | +27 83 225 9350

<https://designbio.co.za/>

Lab Based Field Work | 2017

Patho Solutions - Wellington, Western Cape

This involved processing, testing and GPS mapping maize samples collected for Mosaic and Maize Streak Virus.

Ref: Gert Pietersen | gert@pathsol.co.za | +27 72 900 0380

<https://www.pathsol.co.za/>

✉ bpietersen@proton.me

📞 +27 76 151 1561

🌐 Pretoria, South Africa

🐙 <https://github.com/OomBen>

PUBLICATIONS

Ben Pietersen, Ryan Davidson "Polarimetric Classification and Decomposition of Synthetic Aperture RADAR Data using SNAP" Published in International Journal of Trend in Research and Development (IJTRD), ISSN: 2394-9333, Volume-9 | Issue-3 , June 2022, URL: <http://www.ijtrd.com/papers/IJTRD25207.pdf>

