

# Nakkita Pillay

Data Scientist



Gauteng



Nakkita



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Online Curriculum vitae: <https://nakkita.github.io/CV>

## EXPERIENCE

### FIRST NATIONAL BANK | DATA SCIENTIST

Jan 2020 – Current | Sandton, Gauteng

My current role entails:

- Building predictive models for business needs. Experience with NLP, specifically, Topic Modeling and Sentiment analysis.
- Experience with Pyspark to automate Topic Model
- Provide business strategies based on analytics
- Analysis and reporting of data and management of data extraction for Campaigns

### FIRST NATIONAL BANK - WINTER SCHOOL | FUTURE LEAGUE WEEK

July 2019 | Sandton, Gauteng

- A week of understanding the role of analytics in different business units and participating in a group project.
- My group were tasked with proposing an innovative product that speaks to Stokvel needs in order to capture more market share in rural areas.

### UNIVERSITY OF CAPE TOWN SCIENCE FACULTY | SCIENCE ORIENTATION LEADER

July 2012 – March 2016 | Cape Town, Western Cape

- Orientation leadership training covered the following topics which were required for the above position: self-awareness, leadership responsibilities, strategic planning and project management, decolonization and intersectionality, mentoring and team work.
- The job required overseeing first year students during their computer practical sessions, campus tours, logistics of events and talks for first years and mentoring of students.

## EDUCATION

### MASTER OF SCIENCE: DATA SCIENCE | UNIVERSITY OF CAPE TOWN

Jan 2019 - Dec 2021

- Cum laude
- Dissertation: Counting Animals in Ecological Images using Deep Learning.
- Object detection model was coded using Python applying the YOLOv3 algorithm

### BACHELOR OF MEDICAL SCIENCE HONOURS: MEDICAL BIOCHEMISTRY |

UNIVERSITY OF CAPE TOWN

Jan 2018 - Dec 2018

- Cum laude
- Dissertation: Investigating long non-coding RNA-dependent therapies to treat inflammatory-based conditions.

### BACHELOR OF SCIENCE: BIOCHEMISTRY AND HUMAN ANATOMY & PHYSIOLOGY | UNIVERSITY OF CAPE TOWN

Jan 2015 - Dec 2017

- Science Deans Merit List

## SKILLS

### PROGRAMMING

- Python
- R
- SQL
- SAS
- Tableau

### PERSONAL ATTRIBUTES

- Self-motivated
- Task driven
- Adaptable
- Diligent and organized

## REFERENCES

Available upon request.