

# Siphiwe Bogatsu

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[siphiwebogatsu.github.io](https://siphiwebogatsu.github.io)

DATA ANALYST

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## Data Analyst Summary

- Data Analyst with 2 years' experience in handling over 80 000 data points to conduct statistical analysis and build models that create impactful insights using R and Python.
  - Collaborated with a partner to develop and train a neural network model from scratch using R, resulting in an 80% increase in efficiency for the species classification process at the wildlife rehabilitation centre.
  - Pioneered with a team of 5 to create an enabling product for UCT GSB Solution Space using design thinking principles, to improve a township ecosystem for high-impact early-stage startups.
  - Attained 73% for Statistical Modelling & Machine Learning course.
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## Work History

**Intern** **January 2022 - February 2022**

**Red Cap Energy**

- Analyzed and visualized spatial data for wind energy project to optimize suitable locations around South Africa to place 38 wind turbines to generate over 1.5 MW of power.
- Actively contributed to the development of wind and solar renewable energy projects with a focus on the intricate process of preparing bids for licensing and power purchase agreements (PPAs) with ESKOM.

**Tutor** **July 2022 - Present**

**University Of Cape Town**

- Managed a caseload of 35 students, ensuring that each student received the necessary assistance to succeed in macroeconomics, as evidenced by a 100% success rate in student passing grade.

**Sub Warden** **January 2021 - December 2022**

**University Of Cape Town**

- Collaborated with residence management team to develop and implement a comprehensive crisis management plan, resulting in a 50% reduction in response time during emergency situations.
- Chaired Transformation & Culture Committee to organize and host monthly cultural events that attracted an average of 200 attendees per event, fostering a more inclusive and diverse community.
- Attained **Exemplary Leadership Award** (2021).

**Front Desk Assistant** **January 2020 - December 2020**

**University Of Cape Town**

- Created Excel spreadsheets to track and manage student information which resulted in a more efficient data entry process that saved the residence operations by 4 hours per week.

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## Education

MPhil in Financial Technology  
University of Cape Town

January 2024 - Present

BSc Hons Statistical Sciences  
University of Cape Town

January 2023 - Present

- Theses paper: "Handling spatial sampling bias in presence-only data via log-Gaussian point process models."

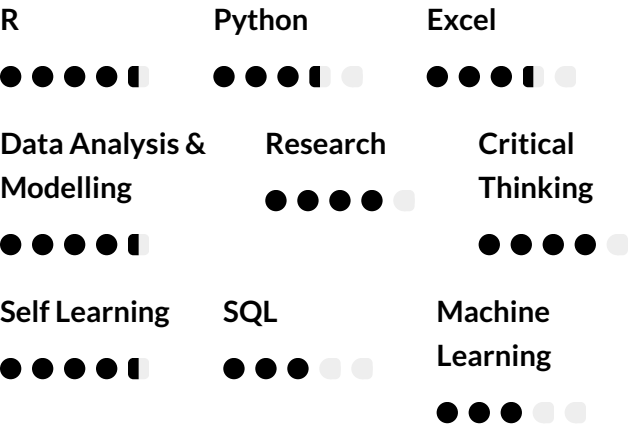
BSocSci in Applied Statistics, Economics and Environmental Sciences  
University of Cape Town

January 2019 - December 2022

- Recognized for academic excellence through **Dean's Merit List** (2019).
- Attained 70% in Critical Thinking course provided by the Philosophy Department.

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## Skills



## Interests

An overland safari tour around Africa is top of my bucket list (Lake Ngozi, Tanzania).

Reading (Shoe Dog, Happy Cities, AI Economy, **Manage Your Money Like A F\*cking Grownup**)

Hiking and then a glass of Devil's Peak beer with friends (-**Silvermine Nature Reserve**)

Learning all 2000 African languages. At 6 at the moment.

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## Certifications

- Data Analysis with Python by *freecodecamp.org*
- Foundations in Design Thinking by *Hasso Plattner d\_school Afrika*.