

# Anthony Miyoro

Data Engineer

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## WORK EXPERIENCE

### **Brave Venture Labs, Data Scientist Intern**

OCTOBER 2017 - APRIL 2018

Designed a schema and transferred years of accumulated user data stored in Google Drive spreadsheets into a searchable MongoDB database.

### **Moringa School, Resident Hacker**

SEPTEMBER 2015 - JANUARY 2016

Provided technical instruction on frontend web design frameworks as well as Git for version control.

## PROJECTS

### **Twitter Harvester API — Python, Django, MySQL, Twitter API** (<https://github.com/anthonymiyoro/TwitterPoliticianServer>)

Designed, developed and deployed a REST API that accepts a twitter handle as input and returns a list of tweets that mention the user together with their sentiment.

### **Twitch Chat Snitcher — Python, Django, NodeJS, AWS, PostgreSQL, Celery** (<https://devpost.com/software/twitch-chat-snitcher>)

Designed, developed and deployed a Twitch extension on Amazon AWS that uses sentiment analysis to tell a streamer how his/her chat room feels in real time.

### **Web Comic Series — Python, Django, MySQL, Javascript** (<https://amiyoro.pythonanywhere.com>)

Designed and developed an online webcomic series with a backend that allows the creation, updating and deletion of comics by the comic author.

## EDUCATION

### **Strathmore University**

MARCH 2018 - OCTOBER 2020

Currently pursuing a degree in Business and Information Technology.

## SKILLS AND TECHNOLOGIES

Python (Scikit-learn, Numpy, Scipy, Pandas, Django, Flask, Keras and Tensorflow)

Statistical Methods (Time series, regression models, hypothesis testing and confidence intervals)

Data Science (Classification, regression, clustering, feature engineering, neural networks)

Javascript and NodeJS

Heroku, AWS, Git, Linux & Unix

## AWARDS AND TRAININGS

Angel Hack Nairobi  
Hackathon 2019 Winner  
Built a machine learning model that could classify a retina image for diabetic retinopathy.

Delta Analytics Data Science  
Certification

Ethical Hacking Certification

## RELEVANT COURSEWORK

Statistics, Database, Data Structures and Algorithms, System Analysis and Design