



# Tavonga Madzingira

## Profile

Passionate final year Computer Science and Artificial Intelligence student, with a focus on machine learning and data science.

## Personal Statement

September 2017 — Present

I am a final year joint Computer Science and Artificial Intelligence student graduating from the University of Sussex in 2020.

- **What drives me?**

My passion is using machine learning to improve the quality of end user software. In light of this, my current project is a stand alone NLP chatbot specializing in dreams and mental health. Dreams and psychology transcend race, gender and cultural background, offering us an insight into the minds of our users. This is information that, when partnered with machine learning, has impactful applications in psychotherapy, diagnosis of mental illness, or even something as simple as giving users a more introspective view of themselves.

- **What's special about me?**

As someone that takes great passion in their work and has the interpersonal skills to communicate it, I can easily demonstrate the value of a product without having to delve into technical details. I'm very quick on my feet and have been able to learn concepts that are outside of my immediate field (for example: philosophy and cognitive science).

- **Outside of my work?**

I take part in several public speaking and drama events, as well as musical performances of my own composition. I am also the author of several short stories and online poetry.

## Education

### (BSc) Computer Science and Artificial Intelligence , University of Sussex, Brighton, UK

September 2017 — June 2020

As I focus on NLP and machine learning, I am proficient in the use of python. Alongside that, I possess skills in Java, SQL and matlab. I have also studied and constructed computer vision and machine learning classifiers under Dr. Novi Quadrianto, an internationally published researcher and Newton Fellow at the University of Cambridge. Under his instruction I placed highly in Kaggle competitions such as, "[2019: bring back the sun!](#)".

### A Levels, Prince Edward High School , Harare, Zimbabwe

January 2009 — November 2014

## Details

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## Links

[LinkedIn](#)

[Zero-Shot Computer Vision Classifier](#)

[Kaggle Machine Learning Classifier](#)

## Skills

Python programming

SQL

Java Programming

MATLAB Programming

Web design

C Programming

## Languages

English

Shona

## Hobbies

Writing, Digital music production, Classical piano composition