

# ARIKO ABEL ABONG

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## EDUCATION

Northwestern University, Evanston, IL   Weinberg College of Arts and Sciences	September 2020-June 2024
Bachelor of Arts in Computer Science ; minor in Economics	
<ul style="list-style-type: none"><li>Dean's List, Honors certificate</li><li>Cumulative GPA 3.454</li></ul>	Fall 2020, Winter 2019
Codepath Software engineering course.	Summer 2021
<ul style="list-style-type: none"><li>Studying and implementing efficient data structures and algorithms</li><li>Practising behavioral and technical interviews</li></ul>	

## Projects

### COVID Vaccine tracking website

- Developed an open-source website that tracks the availability of vaccines in Kenya where only 1.8% of the population has been vaccinated.
- The website indicates the type of vaccine available at different hospitals and any important detail about the particular hospital concerning vaccine administration.

### Movie reviews Naive Bayes Classifier

- Trained a Naive Bayes Classifier to analyze the sentiment conveyed in text. Used a database of movie reviews sorted according to ratings, created dictionaries for positive and negative reviews, pickled them with each additional review and ran through test cases to ensure each was classified correctly.

### Movie Chatbot Application

- Developed a Python Language Query System that receives user inputs as questions, passes it in a query database, performs pattern recognition and outputs an answer.
- Optimized the time for searching the database improving the runtime by 15%

### Text adventure game

- Developed a single-player text adventure game using racket where the player is trapped in a haunted house and has to look for a 'magic key' and escape before time runs out.

## Professional experience

Equity Bank Limited, Nairobi Kenya	January 2020 - May 2020
<i>Equity Leaders Program(Fintech intern)</i>	
<ul style="list-style-type: none"><li>Responding to customer issues concerning the Equity Mobile banking app and escalating complex system errors to senior developers on the team.</li><li>Onboarding 20-30 customers a day to the Equity Mobile banking app boosting online banking at the bank and improving service delivery.</li></ul>	

## Organizations and Leadership experience

AIESEC Northwestern	February 2021 - Present
<ul style="list-style-type: none"><li>Organizing and holding meetings with potential exchange participants to inform, guide and work with them through the application process.</li><li>Coordinating meetings to plan annual events like AIESEC global village to showcase different cultures and to advertise the club.</li></ul>	
Education and Social Empowerment Program	June 2020- January 2021
<i>Lead Mentor - College Access Mentoring</i>	
<ul style="list-style-type: none"><li>Introducing some of the mentees to basic coding skills in HTML and CSS</li><li>Working with six other peer mentors to guide and counsel twelve high achieving low income students from Kenya as they apply to top colleges in North America</li></ul>	

## Skills and interests

Technical skills: Racket, Python, CSS, HTML, MATLAB, DSSL2, React, C++

Interests: Soccer(Chelsea), bodybuilding, athletics, afro-dance

Languages: English, Swahili, Kalenjin, Turkana.