

## NUNEKE FAFA ESI KWETHEY

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<https://www.linkedin.com/in/nuneke-kwetey-6838b4152/>

| <https://github.com/iwanttocode12> | <http://nuneke-kwetey.s3-website.us-east-2.amazonaws.com/>

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### EDUCATION

**COLUMBIA UNIVERSITY**  
NY

New York,

School of Engineering and Applied Sciences

Aug 2020-Dec 2021

Masters Degree: MS in Computer Science

Cumulative GPA:

**Relevant Coursework:** Deep Learning, Cloud Computing, Algorithms, Natural Language Processing

**COLUMBIA UNIVERSITY**

New York,

NY

Columbia College

Aug 2016-May 2020

Bachelor's Degree: BA in Computer Science- Mathematics

Cumulative GPA: 3.8

**Relevant Coursework:** Data Structures in Java, Advanced Programming, Databases, Artificial Intelligence.

**Honors and Achievements:** Columbia Undergraduate Scholar (Kluge Scholar), Dean's List (6/8 semesters)

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### PROFESSIONAL EXPERIENCE

**COLUMBIA UNIVERSITY**

New York,

NY Teaching Assistant for Data Structures

Sep 2018-Present

- Facilitated Weekly 2-hour office hours, working with approximately 10 students each week.
- Graded Homework assignments and Midterms in a timely fashion.

**THE LORD'S SUPPER LTD**

Accra, GHANA

Web Developer(Freelancer)

Jun 2020-Aug 2020

- Designed the landing page of the website using HTML, CSS, JQuery and Bootstrap.
- Developed backend using AWS DynamoDB and Lambda functions to handle storing reviews and emails from customers

**EPROCESS SA**

Accra, GHANA

Business Analyst & Full stack Web Developer

May 2018-Aug 2018

- Developed a Quality Assurance Web Portal using Java, HTML, CSS and Javascript to be used by the Test and Version Control Team in over 30 affiliates.
- Pioneered the use of Gitlab by providing a 2 hour tutorial to team members.

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### PROJECTS

**Image classifier:** This was a class project in my Computer Vision class where we used technologies like Numpy, TensorFlow and PyTorch to create a Convolution Neural Network that classifies images from the cifar10 dataset with a 97% accuracy.

**Itunes Song Finder:** This is a web app that provides a list of 15 song snippets from the itunes API given an artist that the user enters. The front-end was built from scratch using HTML, CSS, and JQuery. The web app also serves as a music player for the songs received and has functionalities like shuffle, repeat, etc.

**Dinner Suggestions Chatbot:** This is a chatbot built with Amazon Lex that communicates with the user in order to take dining requests and returns back a list of restaurants by using the Yelp API. The backend calls AWS DynamoDB and AWS Elastic Search to retrieve quick suggestions based on the dining locations and cuisines requested.

I have more projects on my website: <http://nuneke-kwetey.s3-website.us-east-2.amazonaws.com/>

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### TECHNICAL SKILLS

**Languages:** Python, Java, Javascript, HTML, CSS

**Frameworks:** Flask, Node.js, Tensorflow, ScikitLearn, Keras, PyTorch, JQuery, Socket.io, P5.js

**Databases:** PostgreSQL, MySQL, Cloud (AWS, Firebase), Redis.js

**Tools:** Git, Github

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### LEADERSHIP AND SERVICE

**BECE PREP (Personal Initiative)**

Jun 2018 – Jul 2019

Middle School Math & Science Tutor

- Organized and taught 8 Math and Science classes to 10 Middle School children in Ghana.

**IJOYA DANCE GROUP****Sep 2018 – May 2020****President**

- Responsible for choreographing and teaching dances at practices.
- Oversee overall production of dance performances.

**AFRICAN DEVELOPMENT GROUP****Sep 2018 – May 2019****President**

- Responsible for planning 3 speaker events featuring various African leaders and professionals.
  - Planned and led 3 out of the 11 weekly meetings each semester.
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