# BEST NYAH

+2348081073620 ◇ Remote, Worldwide

[bestnyah7@gmail.com](mailto:bestnyah7@gmail.com) ◇ https://www.linkedin.com/in/best-nyah-83961112a ◇ https://github.com/Bee0933

## OBJECTIVE

Highly Passionate Software Engineer with 2+ years of experience coding, improving, designing and debugging various software development systems using Python and other programming languages. Proficient in building data pipelines, building and maintaining APIs and implementing machine learning techniques.

## EDUCATION

**Bachelor of Engineering, Computer Engineering**, University of Uyo                    2017 - 2023
Relevant Coursework: Computer Programming with Python and C++, Algorithms and Data structures, Database system Design and Applications, Numerical Analysis, Introduction to Artificial Intelligence and Engineering Mathematics

## SKILLS

**Programming Languages:** Python, JavaScript,C++, SQL.
**Databases:** My SQL.
**Cloud Platforms:** AWS, GCP.
**Containerization:** Docker.
**Technologies:** HTML, CSS.
**Version Control:** Git
**Operating Systems:** Linux, Windows, Mac OS.
**Machine Learning and Deep Learning:** Python(Scikit-learn, Numpy, Pandas, Matplotlib), Keras, Tensorflow,DBeaver.
**Data Science and Miscellaneous Technologies:** Data science pipelines, OOP, APIs, OpenCV, mediapie, BeautifulSoup, Selenium, Requests, Flask, Streamlit, Heroku, Anaconda, Notion, Figma.
**Soft skills:** Accountability, Adaptability and Attention to detail.

## EXPERIENCE

**Software Engineer - Python**                    November 2021 - Present
Occasio Ltd                    *Remote*

- Ingested data from various sources such as third party APIs and SQL database to visualize information.
- Built RESTful APIs with Flask for in-house development.
- Culled/scraped data using Selenium and BeautifulSoup.
- Collected, cleaned and provided data science teams with data for ML model creation.

**M.achine Learning Developer Intern, Software Division**                    December 2020 - November 2021
Technocolabs Softwares Indore, India                    *Remote*

- Utilized python to build a data pipeline to prepare data and extract relevant features from a popular music website.
- Applied python with relevant APIs to collect 4GB+ worth of audio data for extraction of several spectral features into raw dimensions to form dataset.
- Implemented an unsupervised machine learning technique to extract repeated audio patterns from multiple song tracks and reduce high dimensional data from audio features, which reduced the original dimensionto half.
- Delivered finished designs to clients viaBuilt and evaluated multiple models using several machine learning algorithms with team members including implementing an Artificial neural network.
- Deployed model to a flask web app and hosted on a cloud platform.

**Junior Hardware Technician**     August 2020 - November 2020

Wallcord  Dexter ICT solutions     *Akwa Ibom state, Nigeria*

- Maintained and repaired computer hardware, mobile phones and digital gadgets.
- Implemented Chip level analysis and trouble shooting techniques to diagnose faulty logic boards.
- Applied software and hardware troubleshooting techniques for software, hardware solutions and installations.
- Provided technical consultation service assistance for software and hardware device solutions.

## PROJECT

**Mushroom Classification**     October 2021

https://github.com/Bee0933/Mushroom$_{Classification}$

- Built an end-to-end machine learning web app to classify mushroom samples as edible or poisonous based on users inputs. This project aids users on selecting mushroom samples for numerous purposes including educational and health purposes.
- Performed classical machine learning tasks like Data Cleaning, Data Exploration, Feature Engineering, Model Building and Model validation and Implemeted several machine learning algorithms that best fit for model prediction.
- Tools: Git, Numpy, Pandas, Scikit-Learn, Matplotlib, Seaborn, joblib, streamlit, Docker, Google Cloud.

Domain Checker     March 2021 - present

https://github.com/Bee0933/Domain-Checker-

- Built an end-to-end machine learning web app to detect and filter DGA (Domain Generartion Algorithm) generated domain based on input URL. This project serves as a security tool to detect maleware generated domains by its maleware classes.
- Performed classical machine learning tasks like Data Exploration, Feature Engineering  Extraction, Model Building and Model validation and implemeted several machine learning algorithms to achieve good performance.
- Tools: Git, Numpy, Pandas, Scikit-Learn, NLTK, Matplotlib, Seaborn, Flask, HTML, CSS, Docker, Heroku.

## LEADERSHIP  EXTRACURRICULAR

**Guest speaker**     February 2022

*Everest Online Academy(EOA) AI Bootcamp*

Lectured a class based on an introduction to Artificial Intelligence with a focus on computer vision including some hands-on exercise.

Author (Remote)     August 2021 - Present

Python in plain English (medium blog)

Python in plain English provides a platform for thousands of people to exchange ideas and to expand their understanding of python including data science and artificial intelligence. It is one of the largest publishers on Medium, with over 300,000+ monthly readers. I publish articles on AI and Data Science on python in plain English.

https://questofai.org/     March 2022 - Present

Quest of AI is a DeepQuest AI journal where daring, inspiring and deepest insights on artificial intelligence (AI) arepublished. I publish articles on related to AI and Data Science.

Hackathon     (Remote)

Data Science Nigeria 2021 AI Bootcamp Qualification Hackathon     October 2021 Partook in an all-expense-paid virtual AI Bootcamp Hackathon and got qualified to the final stage.

UI Designer     (September 2021- Present )

https://dribbble.com/Beenyah/     March 2022 - Present

Create and design prototypes for AI  machine learning apps for deployment.