

Prince Kojo Dugboryele

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EXPERIENCE

Really Great Tech, Accra — *AI Engineer*

OCT 2024 - PRESENT

Lead the AI team to implement models for the company's internal portal
Provide counselling and product solutions to clients

Datamaker Gh Ltd, Accra — *Researcher*

MAR 2024 - JUN 2024

Conducted research for the creation of a Large Language Model
Curated vast datasets from diverse sources to train the language model
Collaborate with interdisciplinary teams of researchers to leverage diverse expertise

Trestle Academy, Accra — *Machine Learning Intern*

OCT 2022 - JAN 2023

Collected and processed audio data
Applied data cleaning and preprocessing techniques to enhance the quality of the dataset
Collaborated with machine learning and development teams to align data inputs with model architecture.

Nikasemo Technologies, Accra — *SE Intern*

AUG 2022 - OCT 2022

Fed questions into the API of an educational app, Learnn
Engineered the logic to restrict access to premium course material to authorized users
Played a key role in the development of the iOS app for the company

RELEVANT PROJECTS

Multi AI Assistant

Designed and developed an all-in-one Ghanaian AI hub with the following features:

- > Ghana Chat and PDF Q&A tools for answering Ghana-specific queries and extracting insights from documents through conversational AI.
- > Resume Analyzer and Cover Letter Generator to enhance job applications with AI-powered feedback and personalized writing.
- > Data Explorer for automatic CSV analysis and visualization, simplifying data insights for users without technical expertise.
- > Weather Updates and News Feeds, delivering accurate forecasts and curated news relevant to Ghana and global tech.

Link: <https://services.multi-ai.software/>

Vis3D

Designed and developed a web-based tool that transforms 2D images into interactive 3D point cloud visualizations using depth estimation and 3D rendering.

- > Enables users to upload images and generate 3D point clouds using the MiDaS depth estimation model.
- > Has an interactive 3D viewer using Three.js with controls for point density, size, visual style, and depth thresholding.
- > Implemented filters for optimizing visualization across hardware levels, with customizable settings for quality vs. performance.
- > Includes advanced features such as Z-scale adjustment, camera controls, and downloadable PLY 3D model exports.

Link: <https://vis3d-production.up.railway.app/>

EDUCATION

University of Ghana, Accra, Ghana

JAN 2021 - AUG 2024

BSc Computer Science
First Class Honours

AWARDS

Vice Chancellor's Awards,
Sadhu TL Vaswani Award for Science

Department of Computer Science, Academic Excellence Award

School of Physical and Mathematical Sciences, Best Computer Science Student in 2022/23 Academic Year

SKILLS

Python, Java, Next.js

Git, Docker, Kubernetes, AWS, Railway.app

LangChain, FastAPI, PyTorch, Seaborn, Plotly

Office Suite, Tableau, Power BI

Problem solving, Teamwork, Attention to detail

VOLUNTEERING

13th African Games, Accra 2024, Technical Volunteer

Statistics Without Borders, Statistics and Data Science