

BRIGHT ADU KWARTENG SNR

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WORK EXPERIENCE

KUMASI HIVE

Data Science Intern

Kumasi, Remote

Oct 2022 – Dec 2022

- Built Power Bi dashboard to visualize sales performance for AlphaGoal company for the month of November and December (e.g. Monthly Sales Analysis), led to 50% profit increment for the subsequent months.
- Aggregated unstructured data from 10+ sources to build the foundation of a new product, stored it on Google Cloud; led to GHC 10,000 in new revenue.
- Designed the data pipeline architecture in team of 5 for a new product that scaled from 0 to 100,000 daily active users

THINKCE TECHNOLOGIES

Data Analyst Intern

Accra, Ghana

Jun 2021 – Aug 2021

- Led my group to design SCREN, a machine learning application that uses the company's staff performance data to predict and award the most hardworking staff per month; improved staff performance by 70%.
- Analyzed data from 25000 monthly active users and used outputs to guide marketing and product strategies; increased average app engagement time by 2x, 30% decrease in drop off rate, and 3x shares on social media

UNIVERSITY PROJECTS

CARE TO SHARE

Aug 2023

- Designed and implemented an NLP crowdsourcing application which links donors to charity organizations and use sentiment analysis to verify organizations on the platform based on organizations popularity, impact and engagement in a 3-person team using React, Python and MySQL for our final year project.
- Enabled app administrators to verify organizations based on 40+ reviews received; awarded most innovative project by College of Engineering Innovative lab.

FILE SERVER PROJECT

Feb 2022

- Designed and implemented Django to store these files (Video, Audio, Images, PDFs) where users can download and request files on the application using Django, MySQL and Google firebase.
- Awarded First Prize in Third Year Software Engineering Project (out of 50 teams)

ACTIVITIES

BIBLE STUDY WING, NUPS-G KNUST

Organizing Secretary

KNUST, Ghana

Sep 2022 – 23

- Organized and stored the organizations database of over 200 members using MySQL
- Organized and advertised 3+ semester networking events with 200+ participants with GHAMSU KNUST

NUPS-G KNUST WEBTEAM

Database Administrator/ Backend Team Member

KNUST, Ghana

Jan 2020 – Aug 2023

- Built and maintained the union's website to ensure the web application is secured and alive always.

EDUCATION

KWAME NKRUMAH UNIVERSITY OF SCIENCE AND TECHNOLOGY

Bsc. Computer Engineering

KNUST, Ghana

Expected Dec 2023

Cumulative GPA: 3.93/4.0

Relevant Coursework: Statistics; Calculus with Several Variables; Calculus with Analysis; Numerical Analysis; Algebra Database and Info Retrieval; Software Engineering; Operating Systems; Data Structures and Algorithms; Artificial Intelligence

ADDITIONAL

Technical Skills: Advanced in SQL, Python; Proficient in Microsoft Excel, Power BI, Tableau

Languages: Fluent in English; Conversational Proficiency in French.

Certifications & Training: Google Data Analytics Certificate (Coursera), Azubi Africa Data Analytics Program.

Awards: Best Data Science Intern – 2022, Kumasi Hive.