

# BRIGHT ADU KWARTENG SNR

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## WORK EXPERIENCE

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### 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

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### CARE TO SHARE

Aug 2023

- "Led a team of three in creating an NLP-powered app connecting donors with charities. Implemented sentiment analysis to evaluate organizations based on popularity, impact, and engagement. Used 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

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### 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

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### 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

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**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.