KWAKU AMO-KORANKYE

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EDUCATION

Academic City University College *(currently enrolled)*   Since Jan. 2022; Accra, Ghana
B.Sc. Artificial Intelligence   **CWA: 81/100 (First Class)**

TECHNICAL SKILLS

- **Programming Languages:**   *Python, C, C++, MATLAB*
- **Technologies/Frameworks:** *HTML, CSS, Bootstrap, SQL, Pandas, Pytorch, Tensorflow, Flask, NLP, Matplotlib*
- **Developer Tools:**   *GitHub, Streamlit, Seaborn, Figma, Canva*
- **Relevant Coursework:**   *Probability, Statistics, Machine Learning, Linear Algebra, CV , Data Structures, Data Analysis*

SOFT SKILLS

Strong Communication Skills, Teamwork, Attention to Detail, Problem-Solving, Adaptability, Time Management, Leadership, Work Ethic, Creativity, Emotional Intelligence, Critical Thinking

WORK EXPERIENCE

Aya Data Ghana, Data Specialist Intern   Jun. 2024 - Present, Accra, Ghana
Data Annotation and Computer Vision

- Contributed over 7 hours weekly to annotate picture-based datasets using bounding box and key point techniques, enhancing the accuracy of computer vision models while collaborating with the team to review and ensure high-quality annotations.

Paybox Global, Campus Ambassador for Academic City   May. 2024-Present, Accra, Ghana
Enhancing financial literacy and inclusion

- Promoted financial inclusion and entrepreneurship among students and staff through targeted financial literacy programs, outreach, and marketing initiatives.

mNotify, Junior Developer (Intern)   Oct. 2023 - Feb. 2024, Accra, Ghana
Artificial Intelligence and Google API Integration

- Developed an application that streamlined system development, enhancing internal processes. Spearheaded AI and API integration projects, focusing on Google Cloud technology to boost platform functionality. Developed the project as a strategic initiative during mNotify's Google for Startups cohort.

DOBIISON VR, Intern   July. 2023-Sep.2023, Accra, Ghana
AI Engineering and Software Development

- Directed AI Engineering and Software Development initiatives, including the creation of an innovative Image Processing software for Dobiison's DRIIP programme.

PROJECTS

Fraud Detection in Online Payment Transactions   *completed March 2024*
Securing Online Transactions with Machine Learning

- **Technologies Implemented:** Python, Pandas, NumPy, and Matplotlib, Scikit-learn, Jupyter Notebook
- **Description:** Developed a machine learning model to predict fraud in online payments using the Paysim1 dataset, ensuring transaction integrity. Demonstrated the effectiveness of data science in securing digital finance through fraud detection.

Spam Blocker   *completed February 2024*
Filtering out the noise for a better online experience

- **Technologies Implemented:** Python, Machine Learning, Jupyter Notebook, Naive Bayes Classifier, Text Vectorization
- **Description:** This project implements a Python-based spam comment detection system using a Naive Bayes classifier. By analyzing comment text, the system effectively identifies and singles out spam, promoting a cleaner and more positive online experience for users.

Agri-Predict: Grow Smarter with AI-Powered Crop Recommendations   *completed March 2023*
Empowering farmers with data-driven decisions.

- **Technologies:** Machine Learning, Python Web Hosting, Sensor Integration
- **Description:** Agri-Predict uses machine learning and sensor data to help farmers make informed crop cultivation choices, maximizing yield and profitability. This web application analyzes soil conditions, environmental factors, and historical data to recommend optimal crops.

To explore additional projects and contributions, please visit my GitHub profile at https://github.com/AmoKorankye.