

FAITH SOBE CYRIL

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EDUCATION

Academic City University College (*currently enrolled*)

Graduating **May 2024**

Major: BSc Computer Engineering

CWA: 86/100

Relevant Coursework: Linear Algebra, Probability and Statistics (with MATLAB), Data Structures and Algorithms, Introduction to Python

Awards

- Dean's List Honors **April 2022**
- Excellence Award for Department of Computer Engineering **December 2021**
- Presidential Scholarship Award (USD 40,000) **November 2020**

WORK EXPERIENCE

Big Data Ghana Limited, Technology Intern

June 2022 to July 2022

- Designed a professional dashboard using Tableau to assist the team track business success based on KPIs
- Researched and proposed a speech analytics architecture on AWS to improve customer service quality by 40%
- Architected an e-learning website with a 96% team satisfaction rating that enabled a reliable access to the firm's learning resources
- Teamed with 2 co-interns to conduct and compile research in order to provide appropriate recommendations to client digital challenges

Acity Tech Expo, Event Organizer

April 2022 to date

- Managed logistics of the event planning process such as attendee data collection and event marketing
- Organized the event using well-structured concept notes with assistance from PR professionals resulting in over 60 individuals on campus attending the event
- Collaborated with co-planners to acquire sponsorship that covered 70% of the event's expenses by drafting and sending sponsorship letters out to companies

SKILLS & CERTIFICATIONS

Technical Skills: Statistical analysis, Machine Learning, Data Analysis, Data Visualization, Version Control, Web development

Programming languages: Python, C language, SQLite, Matlab, JavaScript

Libraries, Frameworks, and Tools: Numpy, Pandas, Tensorflow, Scikit-Learn, Matplotlib, Tableau, Azure Machine Learning Studio, Jupyter Notebooks, Google Colabs,

Certifications: Data Analysis with Python, Machine Learning Foundations, SQL Essential Training, Introduction to TensorFlow for Artificial Intelligence, Machine Learning and Deep Learning

Soft Skills: Initiative-Driven, Client Engagement, Teamwork, Leadership, Innovative Thinking, Problem Solving, Communication

PROJECTS

Sentiment Analysis Application, [App link](#) | [GitHub](#)

June 2022

- Devised a 91.1% accurate end-to-end Machine Learning application to classify text as positive, negative, or neutral

Sea Level Predictor, [GitHub](#)

April 2022

- Undertook Exploratory Data Analysis of sea level data set with Pandas and Matplotlib
- Implemented a linear regression model to forecast global average sea level changes up to 2050

Facial Recognition Attendance System, [GitHub](#)

December 2021 to June 2022

- Built a facial recognition model to recognize faces for class attendance
- Improved facial recognition accuracy by 20% by decreasing the Euclidean distance of the face vectors and increasing frequency of jittering in training

LEADERSHIP & CO-CURRICULAR ACTIVITIES

STEM Educational Project, Coordinator

June 2022 to date

- Map out a semesterly activity-based teaching curriculum for schools taught under the STEM educational project
- Organize and chair weekly meetings to discuss club concerns and project-related issues

Academic City University College, General Assembly Member

March 2022 to date

- Represent the 2024 Computer Engineering class during the decision-making processes of the Student Council

Robotics Club, General Secretary

February 2022 to date

- Maintain accurate and up-to-date records of club finances, inventory, and membership information

VOLUNTEER WORK

Microsoft Learn Student Ambassador Program, Beta Ambassador

April 2022 to date

- Organize and promote hands-on workshops on Microsoft low code Machine Learning Technologies to expand the skill set of students on campus