

Elizabeth Cornell Afrakomah Awuku

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ABOUT ME

Curiosity-driven young mathematician interested in the beautiful impact of mathematics in diverse areas of science.

EDUCATION AND TRAINING

Msc in Mathematical Science

African Institute for Mathematical Sciences [09/2020 – 06/2022]

Address: East legon hills, Santoe, Accra (Ghana)

Bachelor of Science(Mathematics with Economics)

University of Cape Coast [12/08/2016 – 23/07/2020]

Address: Cape Coast , 00233 Cape Coast (Ghana)

Certificate in Business Management

EMST BERLIN [07/2022 – 08/2022]

WORK EXPERIENCE

Personal Assistant

Women In Statistics (WlStats) Ghana [06/09/2020 – 30/01/2022]

City: Cape Coast

Country: Ghana

Personal assistant to the President (Dr. (Mrs.) Irene Kafui Vorsah Amponsah) of Women In Statistics (WlStats) Ghana .

- Screening phone calls, inquiries and requests, and handling them when appropriate.
- Dealing with faxes and posts, often corresponding on behalf of the president.
- Carrying out background research and presenting findings to president.
- Producing documents, briefing papers, reports, and presentations.
- Attending meetings related to WlStats.

University Teaching Assistant

University of Cape Coast [06/09/2020 – 08/2021]

City: Cape Coast

Country: Ghana

University of Cape Coast (UCC)

Teaching Assistant, Department of statistics

- Assisted in grading and marking examination scripts and quizzes
- Assisted in teaching undergraduate level courses
- Help construct test and teaching materials
- General supervision and management of students

Administrative assistant

Ghana Revenue Authority Madina STO [02/06/2019 – 02/08/2019]

City: Madina

Country: Ghana

Internship, Administration Unit

- Assisted in scheduling meetings and appointments
- Maintained supplies inventory by checking stock to determine inventory level
- Received and distributed correspondence memos, letters and forms
- Maintained computer and manual filing systems
- Provided general support to visitors

LANGUAGE SKILLS

Mother tongue(s): **twi** | **Ga**

Other language(s):

English

LISTENING C2 READING C1 WRITING C2

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C2

DIGITAL SKILLS

My Digital Skills

Good knowledge of Latex / Social communication and platforms / Online content creation and editing tools / Python Programming, Basic Programming languages / Data Gathering / Data Processing / Data Visualization / Data Analysis

Soft Skills

Decision-making / Academic Curiosity / Presenting / Organizational and planning skills / Creativity / Proficient communication; ability to present and portray ideas as well as convince others / Critical thinking

NETWORKS AND MEMBERSHIPS

IBRO-Simons Computational Neuroscience Imbizo

[Noordhoek, Cape Town, South Africa]

A society for African and international students to learn about cutting edge research techniques in computational neuroscience.

Women in Statistics Ghana Tertiary Club, Member

[Ghana , 06/09/2020 – Current]

- Contribute to the decision-making
- Partake in activities mounted by Women In Statistics
- Attend club meetings

National Association of Mathematics Students (NAMS)

[Cape Coast , 2017 – 2019]

Editorial committee, Member

Krobo Girls' Drama and Debating Club, Debater and Member

[Odumase-Krobo, 31/01/2014 – 12/05/2016]

- Contribute to the decision-making of Krobo Girls' Drama and debating club
- Partake in activities mounted in the club
- Attend club meeting
- Inter-house debater for Krobo Girls Secondary School
- Participation in 70th Anniversary of UN Debate Competition held at Krobo Girls Secondary School

Krobo Girls' Geographers Club

[Odumase-Krobo, 2014 – 2016]

Member

- Partook in activities mounted in the club
- Attended club meeting
- Contributing by participating in quizzes held by the group.

CONFERENCES AND SEMINARS

African Women in AI

[Accra, Ghana, 2022]

Timestepping the Navier-Stokes equations

[East legon hills, Santoe Accra Ghana, 31/03/2022]

Presentation by Prof. Djoko Wirosoetisno at AIMS GHANA

Fixed Point Theorems in Metric - Like Spaces.

[East legon hills, Santoe Accra Ghana, 2021]

Presentation by Dr. Hallowed Olaoluwa

Network Analysis in Practice.

[East legon hills, Santoe Accra Ghana, 25/11/2021]

Presentation by Dr. Philip Knight at AIMS GHANA

What I Wish I Knew Conference (WIWIK 2019)

[Ucc main auditorium, Cape Coast, 2019]

MANAGEMENT AND LEADERSHIP SKILLS

Public Relation Officer

Mathematics Students Association of Ghana -UCC

- Develop media relations strategies
- Collaborate with internal team and maintain open communication with lecturers and students
- Edit and update promotional publications (videos, social media posts etc.)
- Serve as the association's spokesperson
- Seek opportunities for partnerships, sponsorships and advertising
- Track media coverage of the association

Utility prefect

Krobo Girls' Secondary School

Organizer

Students Representative Council , Krobo Girls' Secondary School

VOLUNTEERING

AIMS Girls in Mathematical Sciences Programme (GMSP)

[East legon hills, Santoe Accra Ghana, 2021]

Mentor

Mathematics Students Association of Ghana -UCC

[Cape Coast, Ghana , 30/04/2018 – 30/04/2019]

- Assisted in organising student meetings
- Assisted females in the association during educational trips, forums and games

SOCIAL ACTIVITIES

Annual Community Service

[Current]

In 2019, I started an initiative where I choose different sectors of people in need and give out to them yearly. With the aid of family and friends, I have touched orphanages and prisons so far.

PRESENTATIONS

The beauty of limited neural data (Decoding locomotion in *C. elegans*)

[2022]

Main project presentation at IBRO-Simons Computational Neuroscience Imbizo

An Introduction to Conformal Mappings

[2021]

Presentation at African Institute for Mathematical Sciences

HONOURS AND AWARDS

ISICNI Scholarship Award

IBRO-Simons Computational Neuroscience Imbizo [2022]

Masters Scholarship Award

African Institute for Mathematical Sciences [2021]