

# CURRICULUM VITAE

## PERSONAL DETAILS/INFORMATION

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### MAGNUS SEDINAM YAO AFIAWO

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## PROFILE

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I am a dedicated geographer committed to thriving in dynamic environments, where I apply my research expertise and goal-oriented mindset. With integrity, self-motivation, and attention to detail, I consistently deliver results both independently and within teams.

## RESEARCH INTEREST

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1. Hydrology and water resource management: Investigating the distribution, movement, and quality of water in natural systems, with a focus on sustainable management practices.
2. Climate change and geomorphology: Studying the impact of climate change on landforms and the processes that shape Earth's surface over time.

## EDUCATION

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- ***BA in Political Science and Geography*** Sep. 2016 – July 2020  
University of Ghana, Legon, Accra, Ghana.
- ***General Arts*** Sep. 2012 – May 2015  
Mawuli School, Ho, Ghana.

## SHORT COURSES AND CERTIFICATION

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***AI Augmented Professional Development Skills in the Digital Age*** – April 2024  
ALX Africa, Ghana.

***Stastical Package for the Social Sciences*** – March 2019  
University of Ghana, Legon, Accra, Ghana.

## RESEARCH EXPERIENCE

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### Undergraduate Research

Spatio-Temporal Analysis of the Morphological Changes in the Extent of Lake Volta from 2000 to 2018 using Multi Temporal Image Analysis. - June 2020

**Supervisor:** Dr. Kwabena Awere-Gyekye.

- To use satellite images and remote sensing techniques to perform temporal analysis on the change in spatial extent or the physical size of the Lake Volta.
- To identify the changes that have occurred in the physical extent of the Lake Volta over the past 20 years.
- To give appropriate recommendations for the mitigation of results from the research.

## TEACHING EXPERIENCE

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Geography and Social Studies Facilitator – 03/2023 to 05/2024

St. Peters Mission Schools, - Ashaley Botwe, Ghana

- Educate students on core elements and advanced concepts of geography and social studies.
- Prepare, duplicate and collate teaching materials to help students better understand learning concepts.
- Assess student progress with course material through routine quizzes and standardized assessments.

NATIONAL SERVICE PERSONNEL / Ada Senior High School - Accra, Ghana

10/2020 - 08/2021

- Prepared, duplicated and collated teaching materials to help students better understand learning concepts.
- Assessed student progress with course material through routine quizzes, final examinations and standardized assessments.
- Introduced geography tutoring program and enrolled students into individualized geography lessons support plans.
- Supervised students and led classroom instruction during head teacher's absence to keep children motivated and on schedule.

## LEADERSHIP POSITION

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Head of Audio-Technical Department

New Breed Church, ICGC Holy Ghost Temple – 2023 till date

Duties

- Ensure the delivery of quality sound during church services.
- Prepare training material for team members and train them.
- Ensure a good maintenance culture of the sound equipment.
- Plan and prepare cost efficient audio-technical budgets for outdoor programs.

Deputy Technical Head

New Breed Church, University of Ghana – 2019 to 2020

Duties

- Ensure the technical equipage is setup on time for church service and packed well afterwards.
- Practicing good maintenance culture and servicing of faulty equipment.
- Prepare training material for team members and train them.
- Plan and prepare cost efficient audio-technical budgets for programs.

## COMMUNITY INVOLVEMENT

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Volunteer

ICGC Rescue Missions – Ada, Ghana .

From 10/2020 to 08/2021

Duties

- Evangelizing in communities and schools at Ada-Foah.
- Providing stationery to basic schools.
- Constructing boreholes and wells in the community.
- Organizing workshops on sustainable farming practices in the community.

## STATISTICAL SKILLS

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Statistical Package for Social Sciences (SPSS)

## INTEREST/HOBBIES

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You can decide to add the things you like doing in your leisure time.

## REFEREES

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