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| *Steenbeker Weg, 8, 24106 Kiel, Germany*  +*4917685611587* [*geattiah@gmail.com*](mailto:geattiah@gmail.com)  [*https://www.linkedin.com/in/gifty-attiah/*](https://www.linkedin.com/in/gifty-attiah/)  Gifty **Attiah**  I am a determined and productive person with the ability to think critically and address issues from diverse perspectives. My pursuits have provided me with a background in Environmental management, Spatial and Statistical Analysis, and Ecology. I am gravitated towards these areas because my sole interest is the protection of the environment including its inhabitants. I am specially focused on Remote Sensing and GIS because I believe they provide essential tools in the analysis and monitoring of the environment for better planning, prevention and mitigation purposes.  **TECHNICAL SKILLS**   |  |  | | --- | --- | | * Microsoft Office | ⧓⧓⧓⧓⧑ | | * ArcGIS | ⧓⧓⧓⧓⧑ | | * ENVI | ⧓⧓⧓⧓⧑ | | * SNAP | ⧓⧓⧓⧓⧑ | | * QGIS | ⧓⧓⧓⧓ | | * Python | ⧓⧓⧓⧓ | | * R | ⧓⧓⧓⧓ | | * SPSS | ⧓⧓⧓⧑ | | * Google Earth | ⧓⧓⧓ | | * Git | ⧓⧓⧓ | |  |  |   **Environmental Scientist**  **JOB RELATED SKILLS**   * ArcGIS tool development * Data Analysis and Manipulation * Spatial and Statistical Analysis * Georeferencing and Map Creation * Network Analysis * Spatial data collection * Web scrapping * Change detection and prediction   **LEISURE INTERESTS**   * Choreographing, * Miming, * Reading, * Writing * Sewing   **EXTRA CURRICULAR AND VOLUNTARY ACTIVITIES**   * **Vice President**; Ghana Students Association; Christian-Albrechts- Universität(2017-present) * **Active Member**; Succeed in Ghana (NGO), Kiel, Germany(2017-present) * **Volunteer Member**; Proffer Aid Intl.(NGO), Ghana (2017-present) * **Hall President**; AGCM, University of Ghana) 2013-2014 * **Choreography directress;** Hearts in Service Theatre, University of Ghana (2012-2014) * **Organizing Secretary** Women in League, University of Ghana (2008- 2009) * **Organizing Secretary**; Ghana wildlife society – Mfantsiman Senior High School (2008-2009)   **LANGUAGE**   * English (Full Professional Proficiency) * German (A2 (Still learning))   **OTHER SKILLS**   * Research * Teaching * Leadership * Team-work * Writing * Organizational |  |  |
|  | **EDUCATION AND TRAINING** |
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| **09/2016 –**  **Present** | **MSc. Environmental Management,** ***Christian-Albrechts- Universität zu Kiel*** *.*  **Specialization***:* Digital Spatial Analysis, Spatial Data Handing, Remote Sensing, GIS and Population Dynamics and Ecology**.**  **Project**: A Comparative Study of Sentinel 2 And Landsat 8 Data in Vegetation Monitoring and Land Cover Mapping. Project paper: [link](https://drive.google.com/file/d/1PBjJA5jbS_D-pDbITbh8iLe52YD5cOYD/view?usp=sharing)  **Project**: **eco-bridge Consultancy**- Consulting and Development of an Environmental Impact tool for monitoring of Greenhouse gas emissions of small businesses. Website: [eco-bridge.de](http://eco-bridge.de/) |
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| **08/2010 –**  **06/2014** | **B.A. Geography and Resource Development,** ***University of Ghana****.*  **Specialization***:* Remote Sensing & GIS, Techniques of Regional Science, Climate Change, Environmental Ecology and Disaster Reduction Risk.  **Project**: Remote Sensing in detecting flood zones in Ghana for mitigation purposes.  **Project**: Mapping of hospitals in Accra using GIS for information and accessibility purposes. |
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|  | **WORK EXPERIENCE** |
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| **08/2018 –**  **present** | **GIS Assistant (Work Student)**, ***Stiftung Naturschutz Schleswig Holstein***   * Perform data input, validation, pre-processing, analysis, manipulation and mapping using GIS tools * Develop ArcGIS tools with python scripts and models for routine tasks * Creation, manipulation and editing of digital maps using ArcGIS * Querying, merging, converting and inputting data from different sources and in different formats. * Provide GIS and data manipulation support for different projects and personnel * Other tasks include web scrapping and documentation |
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| **03/2016 –**  **06/2016** | **Field Supervisor**, ***Centre for Remote Sensing and Geographic Information Services (CERGIS)***  **Overview**: Worked towards acquiring geographic data on cocoa farms in Ghana for easy monitoring to improve management practices.   * Interviewed, employed and trained employees on the field to engage in mapping and measurement of Cocoa farms with Garmin GPS. * Computed GPS acquired data and programmed it into QGIS software to perform spatial and statistical analysis. * Profiled subjects and farms of study, gathered, organized and recorded observations. |
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| **12/2015 –**  **02/2016** | **Data Entry and Analyst,** ***Friends of the Earth- Ghana (NGEO)***  **Overview**: Worked towards the establishment of baselines for Volunteer Partner Agreement (VPA) impact monitoring for timber legality assurance in Ghana   * Programmed generic hard copy data collected into SPSS software. * Computed data collected for over across the forest areas in Ghana * Analyzed data both statistically and qualitatively to enhance clarity in interpretation of results * Developed comprehensive report on analysis made to highlight key areas of concentration. |
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| **08/2014 –**  **09/2015** | **Research and Teaching Assistant,** ***University of Ghana, Department of Geography & Resource Development***  **Overview**: Performed duties pertaining to teaching and research in the department as well as worked on various educational projects.   * Organized and Conducted Tutorial sessions for both graduate and undergraduate students. * Assisted in all stages of conducting various departmental research and publications * Assisted in the development and editing of Study Guide and Slides, Invigilation and Marking of scripts as well as compilation of results. |
| **10/2018 –04/2018** | **WORK PROJECTS**  **Consultant,** ***eco-bridge consulting***  **Overview**: Consultation for small businesses in Kiel using a social entrepreneurship model on sustainability consulting   * Worked on developing a tool (now embedded to the eco-bridge website) to help small businesses visualize and measure their environmental impact. * Provided consultation to small businesses to reduce emissions. |
| **11/2015 –**  **12/2015** | **Volunteer data collector,** ***Friends of the Earth- Ghana (NGEO)***  **Overview**: Towards the establishment of baselines for VPA monitoring and Forest protection.   * Engaged in the collection of data across five communities, within two districts in the central region * Interviewed farmers and informants about the felling of trees by illegal loggers and timber companies on their farms |
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| **09/2014 –**  **08/2015** | **Project Assistant**, ***Building Stronger Universities, Denmark (BSU) E-Learning and Problem Based Learning Project (University of Ghana)***  **Overview**: Worked towards achieving the project’s aim of pioneering and expanding the use of electronic and problem-based learning   * Assisted in creation and editing of Study Guide, Course Slides and Presentation of the course modules for the (BSU) Program on the University of Ghana Sakai leaning * Developed multiple choice questions for distance learning on   the course “UGRC 121: Culture and Development” under BSU.   * Observed lectures and collected data, documented reports, aided in video research and recording for students. |
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|  | **TRAINING/ WORKSHOPS** |
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| **1.07-5.08**  **/2018** | **Participant, *Climate KIC Summer School***   * Focus was placed entrepreneurship development to propel the mitigation and adaptation of climate change * The five-week program involved product development, pitch training, Business proposal writing and networking |
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| **18-19/**  **02/2018** | **Participant**, ***Energy Efficiency Hack, 2018***   * Focus was placed on creating and ideating new energy efficiency solutions, concepts and prototypes to fuel the “Energiewende” to create a sustainable energy future to fight climate change.   **Member of Winning Team**: Most Technical Innovation |
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| **27/01**  **/2018** | **Organizing team, *Performing Change: An interactive Theatre Workshop on Consumerism and Sufficiency***   * Focus was placed on the UN Sustainable Development Goals (SDGs) * SDG 12 and SDG 13 were the main focus |
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| **16/01**  **/2018** | **Participant, *An Introduction to Theory U: Learning from the Emerging Future***   * Focus was placed on the process of learning and management through a deeper level of knowledge acquisition for efficiency |
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| **18-19/**  **11/2017** | **Speaker, *Perspective of Empowerment: A workshop addressing social change Sustainable Development Goals******through solution-oriented activities***   * Focus was placed on the UN Sustainable Development Goals (SDGs)   **Topic Presented**: Reducing Inequalities- The choice Game |
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