

# Daniel Ofori



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Data Analyst || BTECH Analytical Chemist

## Summary

As an experienced data analyst and researcher, I am skilled in utilizing various statistical tools and software to provide data-driven insights and recommendations. With a background in laboratory technology and experience in quality control and research, I have honed my skills in data aggregation, cleaning, calculations, visualization, and analysis. My expertise in SPSS, Excel, R, and structured thinking enable me to deliver accurate and comprehensive reports in a timely manner.

## Technical Skills

- |                  |                    |                      |
|------------------|--------------------|----------------------|
| ✓ Data Analytics | ✓ R                | ✓ Data cleaning      |
| ✓ Data Ethics    | ✓ Cybersecurity    | ✓ Data calculations  |
| ✓ SPSS           | ✓ IT operations    | ✓ Data visualization |
| ✓ Excel          | ✓ Data aggregation | ✓ Python             |

## Non-Technical Skills

- |                   |                   |                       |
|-------------------|-------------------|-----------------------|
| ✓ Product Quality | ✓ Communication   | ✓ Presentations       |
| ✓ Management      | ✓ Teaching        | ✓ Structured Thinking |
| ✓ Reporting       | ✓ Problem Solving |                       |

## Experience

**Lead Researcher**  
**ZMART LABS**

**Jan 2020 - Present (4 years 3 months +)**  
**Accra, Ghana**

### Duties:

- Advanced analytics technologies such as SPSS, Excel, and R were used to methodically combine, clean, and analyse large datasets, resulting in usable insights for strategic decision making.
- Developed research methodologies and literature reviews that were adapted to specific goals attaining desired project results.
- Conducted survey analysis, including questionnaire design, sampling strategy, data collection, and hypothesis testing.

**Quality Control Intern**  
**New Global Pharmaceuticals**

**Feb 2021 - Mar 2021 (2 months)**  
**Odorkor, Accra**

**Duties:**

- Executed extensive quality testing, such as disintegration, dissolution, friability, hardness, temperature, and humidity checks, to ensure pharmaceutical items fulfil demanding regulatory requirements and specifications.
- Conducted thorough line clearance checks and visual inspections of completed items, discovering deviations, and reporting them for immediate investigation and remedial action to ensure product integrity and compliance.

**Laboratory Technologist Intern****Nov 2019 - Nov 2019 (1 month)****Cocoa Research Institute of Ghana / Kirk House Trust UK****Duty:**

- Led DNA extraction and purification from plant leaves and bacteria (*E. coli*), as well as PCR amplification, using cutting-edge procedures to expedite genetic analysis processes and speed up research results.

**Laboratory Technologist****Sep 2018 - Nov 2019 (1 year 3 months)****National Cardiothoracic Center****Korle-Bu, Accra****(National Service)****Duties:**

- Conducted extensive analysis of patient samples, including blood and urine, employing a variety of tests such as haematology, serology, electrolyte, and urinalysis. Delivered precise and timely test results to facilitate effective diagnosis and treatment planning.
- Maintained and calibrated laboratory equipment to ensure the accuracy and reliability of test results. Implemented rigorous quality control measures and promptly reported abnormal findings, enabling clinicians to make informed decisions and provide optimal patient care.

**Laboratory Technician Intern****Aug 2017 - Sep 2017 (2 months)****Food Drug International****Barnes Road, Accra****Duties:**

- Led the development of specialised Standard Operating Procedures (SOPs) for pharmaceutical companies, ensuring streamlined operations and adherence to industry standards, resulting in improved quality assurance and regulatory compliance.
- Implemented routine maintenance and calibration procedures to uphold the reliability of laboratory equipment, ensuring accurate test results. Adhered to established protocols for sample preparation and testing, maintaining rigorous quality standards and operational efficiency.

**Laboratory Technician Intern****Jun 2016 - Aug 2016 (3 months)****Ridge Regional Hospital****Ridge, Accra**

**Duties:**

- Phlebotomy procedures were used to acquire blood samples, guaranteeing precise and efficient sample acquisition while prioritizing patient comfort and safety, resulting in accurate diagnostic results and successful treatment planning.
- Conducted a wide range of laboratory tests, including blood film examinations, VDRL tests, H. Pylori testing, urine chemistry, and sensitivity tests, using experience to provide trustworthy diagnostic insights, allowing healthcare practitioners to make informed decisions about patient treatment.

**Science and ICT Teacher**  
**Jamverson Academy**

**Jul 2015 - Sep 2015 (3 months)**

**Duty:**

- Developed rigorous lesson plans and instructional materials for Science and ICT classrooms, which were strategically designed to foster deep comprehension and mastery of the subject matter, resulting in increased student engagement and academic accomplishment.

**Volunteer - iSTEM**

**Oct 2017 - Present (7 yrs. 8 months)**

**(ignite Science Technology Engineering and Mathematics) Barnes Road, Accra**

**Duties:**

- Students received personalized mentorship and assistance as they navigated STEM ideas, allowing them to build critical thinking, problem-solving, and inquiry skills required for success in STEM disciplines.
- Collaborated with colleagues to generate new programming ideas and improve existing projects, using insights and feedback to continually improve programme effectiveness and participant happiness.

**Education, Licenses & Certifications**

**Bachelor of Technology - (BTECH) Analytical Chemistry**

**Sep 2019 – Nov 2021**



**Accra Technical University**

**Accra, Ghana**

**Higher National Diploma – Science Laboratory Technology**

**Sep 2015 - 2018**



**Accra Technical University**

**Accra, Ghana**

**National Service - Ghana National Service Scheme**



**FUNDAMENTALS OF GRANT WRITING - Young African Leaders Initiative**



**Google Data Analytics Specialization - Coursera AJ9MQ578GZC2**