

# Sekinah Omolola Tiamiyu

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Biochemist | Laboratory Technician

## Career Profile

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A purpose-driven individual that is willing to partner with teams to achieve desired outcome for stakeholders. Currently seeking a role that works with teams to achieve organization's people goals.

## Skills and Expertise

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Learning and Development	Strategic Planning
Attention to Detail	Leadership Qualities
Effective Communication	Time Management
Research Skills	Teamwork
Self-Awareness	

## Education

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<b>Higher National Diploma (Biochemistry)</b>	(February 2022 – December 2023)
<ul style="list-style-type: none"><li>Lagos State Polytechnic, Ikorodu, Lagos.</li></ul>	
<b>National Diploma (Computer Science)</b>	(October 2018 – September 2020)
<ul style="list-style-type: none"><li>Ogun State Institute of Technology, Ogun.</li></ul>	
<b>Senior Secondary Certificate Exams (SSCE)   (WAEC)</b>	(September 2011 – April 2017)
<ul style="list-style-type: none"><li>God's Will Success College, Ogun.</li></ul>	

## Work Experience

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<b>National Youth Service Corps (NYSC)</b>	(February 2024 – January 2025)
<ul style="list-style-type: none"><li>Served as a Class Instructor/Teacher At Al-Mubarak College, Ibadan.</li></ul>	
<b>E&amp;E Diagnostics Center (Internship)</b>	(October 2020 – October 2021)
<ul style="list-style-type: none"><li>Worked as a Lab Assistant and Front Desk Official</li></ul>	
<b>Oasis Boys and Girls Academy</b>	(July 2017 – August 2018)
<ul style="list-style-type: none"><li>Worked as a Class Instructor/Teacher</li></ul>	

## Achievement and Responsibilities

- Improved Learning Processes:** helped to improve the learning process in the schools by incorporating direct tutor access that helped students trust me more and involvement in the learning process fully.

- **Enhanced Learning Effectiveness:** achieved an 80% learner satisfaction rate through my teaching methodologies and personalized learning experience.
- **Contributed to Laboratory Operations:** assisted in conducting laboratory tests, analyzing samples, and maintaining equipment, ensuring seamless operations and high-quality results.
- **Developed Technical Skills:** gained hands-on experience with various laboratory techniques, instruments, and procedures, enhancing my technical expertise and confidence.
- **Applied Theoretical Knowledge:** applied theoretical concepts learned in academic settings to real-world laboratory scenarios, bridging the gap between theory and practical. **Personal Achievements**
- Held the post of the Senior Girl Prefect in Secondary School

#### **Project Details**

##### **Characterization of waste and methane emission of Kurata Dumpsite Otta, Ogun State. (HND)**

- Characterized waste composition and estimated methane emissions from Kurata dumpsite using standard methods. Analyzed data to determine waste composition, methane emission rates, and potential environmental impacts. Identified strategies for waste management and methane recovery.

##### **Analysis of heavy metals and proximate content of flour brands (Fe, Ca, Mn, Ni, Zn)**

- Conducted analysis on heavy metals and proximate content in various flour brands to access safety and quality. Utilized Atomic Absorption Spectroscopy (AAS) or Inductively Coupled Plasma Mass Spectrometry (ICP-MS) for heavy metal analysis and standard methods for proximate analysis.