

CHUKWU CHIBUIKE SOKA

No.28 Etsu Jetta street, Jikwoyi Phase 1 FCT- Abuja Nigeria

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BIODATA:

Date of Birth: 10th Dec. 1995 **Sex:** Male

Nationality: Nigerian **Language Proficiency:** English

RESEARCH INTERESTS:

- Synthesis and evaluation of materials for medical, environmental, and energy applications
- Conversion of biomass into renewable fuels and chemical feedstock

EDUCATION

B.Sc.	University of Jos, Plateau State, Nigeria B.Sc. Industrial Chemistry First Class honors CGPA:4.68/5.00 Class rank: 3/97 (Top 3%)	2014-2019
SSCE	Rochas Foundation College, Jos West African Secondary School Certificate Examination (WASSCE)	2007-2013

RESEARCH EXPERIENCE

Graduate Research Assistant Project: 2021
'Nutritional and Anti-Nutritional Evaluation of the tubers and Leaves of *Manihot Esculentus* in Jos North LGA of Plateau State'

Supervisor: Dr. Adeyanju Olusola (Department of Chemistry, University of Jos, Nigeria)

Undergraduate research project: 2019
'Effect of Sodium Hydroxide Pretreatment of Moringa Pods in Biogas Production'

Supervisor: Dr. (Mrs.) A.E Eseyin (Department of Chemistry, University of Jos, Nigeria)

Internship Group Research: 2018
'Process Optimization'

Supervisor: Mallam Hassan Lawal (Production Manager, Vitafoam Nig. Plc Jos Factory)

TEACHING EXPERIENCE

Private Tutoring 2020
Subjects taught: Chemistry, Physics and Mathematics

- Taught elaborately and extensively the calculation aspects of the subjects involved
- Developed tests and quizzes to assess the performance of the student and the student's understanding of the topics taught improved significantly

Government Secondary School Karu FCT-Abuja 2019-2020
Assistant class teacher, Chemistry Unit-Department of Science

- Revised the academic curriculum with the students in preparation for SSCE (WAEC & NECO)
- Conducted volumetric analysis (titration experiments) as well as qualitative analysis with the students
- Prepared tests, quizzes and exams to evaluate the students' performance

INTERNSHIP/TRAINING EXPERIENCE

Vitafoam Nigeria Plc, Jos Factory, Plateau State.

Production and Quality Control Trainee

2017 - 2018

- Learnt the basic chemistry of Polyurethane foam production
- Draft out foam formulations in the laboratory
- Performed quality control analysis on finished products to ensure they meet the standard

AWARDS AND RECOGNITION

- Most outstanding student trainee 2018
Received the award for the most outstanding student trainee in the Production Department of Vitafoam Nig. Plc Jos factory.
- Best performing freshman 2015
Received the recognition from the Department of Chemistry for the best student after first year with a CGPA of 4.91/5.00
- Best Student in Physics, National Mathematical Competition, Plateau state 2012
Received the award for the best student in Physics in Plateau state during a National Mathematical Competition held in Plateau state.

TECHNICAL SKILLS

- Operating System: Windows, Android, Mac OS
- Programming: C++, Python
- Data Analysis

INSTRUMENTATION

- Atomic Absorption Spectrometer (AAS)
- Electric oven/furnace
- Soxhlet Extractor

CONFERENCES ATTENDED

- Polymer in Extractive Industries: Prospects and Challenges 2021
Organized by the Polymer Institute of Nigeria (PIN) in Collaboration with University of Jos

ADDITIONAL SKILLS

- Proficiency in Microsoft office applications
- Graphic design

EXTRACURRICULAE ACTIVITIES

- Member, Students Chemical Society of Nigeria (SCSN)
- Member, Student Polymer Institute of Nigeria (SPIN)