

KELECHUKWU V. NWANDU

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Github: <https://github.com/caseynv>

Highly meticulous, enthusiastic with excellent research, analytical, interpersonal, written, oral, and communication skills. Self-Motivated and goal oriented with the ability to foster innovative ideas as well as utilities my skills to be an excellent and dedicated team player for an organization. Demonstrating a profound knowledge in Data analysis and various programming language.

EDUCATION

BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING – 4.09/5.00 2015 - 2020

Obafemi Awolowo University, Ile-Ife Osun State, Nigeria

THESIS: Pinch analysis and GAMS Software to optimize cost and energy usage of a Heat Exchanger Network System

RELEVANT EXPERIENCES

TUTOR, BRAINLY Jan 2020 – Apr 2020

- Responsible for the day-to-day solving of Mathematics, Physics, Chemistry, and Biology questions for High school and College students.

ENGINEERING INTERN, LADOX PLASTIC PRODUCTS, IBADAN Mar 2018 – May 2018

- Conducted recycling, measurement, analysis, and quality assurance of Polymer products.

BREWERY INTERN, NIGERIAN BREWERIES PLC, LAGOS Nov 2018 – Mar 2019

- Conducted various quality assurance checks and experiments on alcoholic and non-alcoholic malted beverages by using gas chromatograph, spectrophotometer, centrifuge, autoclave, microscope, and others.
- Conducted microbial inspections on tanks and yeasts.
- Inspected and conducted quality assurance checks and experiments on waste water and brewery water.
- Administrative work on the individual ingredients used for making malted products.

AWARDS

WINNER, MTN FOUNDATION SCIENCE AND TECHNOLOGY SCHOLARSHIP SCHEME

2018 - 2021

WINNER, PRESIDENTIAL PRIZE FOR 2017 ESSAY COMPETITION FOR NIGERIAN SOCIETY OF CHEMICAL ENGINEERS

2017

CERTIFICATIONS

IBM 2020

- What is Data Science

- Tools for Data science
- Data Science Methodology
- Python for Data Science and AI
- IBM Data analysis with Python

MOSCOW ENGINEERING PHYSICS INSTITUTE 2021

Methods of Surface Analysis

TECHNION ISRAEL INSTITUTE OF TECHNOLOGY 2021

Nanotechnology and Nanosensors

RESEARCH TRIANGLE NANOTECHNOLOGY NETWORK 2020

Nanotechnology: A maker's course

MEMBERSHIPS

- Society of Petroleum Engineers (SPE)
- Nigerian Society of Chemical Engineers (NSChE)
- International Association of Engineers (IAENG)
- Technology, Engineering and Science Association (TESA)

VOLUNTEER/ LEADERSHIP EXPERIENCE

NATIONAL SOCIETY OF CHEMICAL ENGINEERS, OAU CHAPTER

First Female Speaker and member of the student representative council 2019 - 2020

Member of the student representative council 2017 - 2018

TECHNOLOGY AND SCIENCE ASSOCIATION (NSE)

Member of the electoral committee adhoc 2018

SOCIETY OF PETROLEUM ENGINEERS, OAU CHAPTER

Secretary of the Electoral Committee 2018

Catch Them Young – Secondary school program 2019

Operation clean-up Sabo market 2019

LIVINGWORD FELLOWSHIP, OAU CHAPTER

Assistant unit leader of the administrative section of the church 2017

Head of the reception arm of the church 2018

LAGOS FOOD BANK INITIATIVE

Volunteer 2020 –present

RELEVANT SOFT SKILLS

Microsoft Office	Matlab/Simulink	Aspen/Hysys	GAMS	Python
Jupyter Notebook	SQL	HTML	CSS	