



# Jedidiah Onwubiko

**Date of birth:** 16/06/1995 | **Nationality:** Nigerian (Nigeria) | **Gender:** Male | **Phone number:** (+234) 7062957194 (Mobile) | **Phone number:** (+86) 16615112161 (Home) | **Email address:** [onwubikojedidiah@gmail.com](mailto:onwubikojedidiah@gmail.com) | **Website:** <https://jedidiahsolomon.vercel.app> | **Facebook:** [www.facebook.com/Jedidiah\\_Jedybrown\\_Onwubiko](https://www.facebook.com/Jedidiah_Jedybrown_Onwubiko) | **LinkedIn:** <https://www.linkedin.com/in/jedidiahonwubiko> | **WhatsApp Messenger:** +2347062957194 | **WeChat:** 16615112161 | **Address:** #1 Awoleshi Street Itamaga, Ikorodu, 104222, Lagos, Nigeria (Home) | **Address:** 17 Orisumbare Odebbiyi Street, Ayobo, Megida, 100278, Lagos, Nigeria (Work)

## ABOUT ME

I am a dedicated environmental scientist deeply passionate about waste hazards, pollution management, Volatile Organic Compounds (VOC) treatment, Water pollution treatment, environmental pollution and health, and ecosystem degradation. With a fervor for research, I am committed to finding innovative solutions that safeguard our environment. My expertise lies in analyzing and mitigating the impact of waste hazards, addressing pollution challenges, and conducting insightful research to create a sustainable, healthier planet for future generations.

## WORK EXPERIENCE

30/06/2022 – 30/03/2023 Minna, Nigeria

### FACILITATOR TECHNOLOGY FOR SOCIAL DEVELOPMENT TECHNOLOGY FOR SOCIAL DEVELOPMENT

- Maintenance of computer
- Receive and Send report for activities at the site
- Coaching of students on Basic Digital Literacy

**Business or Sector** Information and communication

12/06/2023 – 31/01/2024 Lagos, Nigeria

### GENERAL MANAGER HUNGSMEAL GROUP HUNGSMEAL GROUP

- Oversees production of bread and foods
- Ensures cordial relations between marketers and customers
- Training of staff (10 hours/week)

04/01/2022 – 30/04/2022 Minna, Nigeria

### MATHEMATICS TEACHER AT SECONDARY SCHOOL PEARLS CITADEL SCHOOL

- Developed engaging and comprehensive lesson plans in alignment with the high school curriculum.
- Utilized various teaching methods and materials to cater to diverse learning styles within the classroom.
- Provided individualized assistance and support to students struggling with mathematical concepts, ensuring their academic progress.

10/04/2017 – 30/12/2017 Owerri, Nigeria

### AGRICULTURAL SCIENTIST IMO STATE AGRICULTURAL DEVELOPMENT PROGRAMME (ADP)

- Ensure farmers comply to local government and ADP's farming conditions.
- Disseminate Agricultural Extension novel policies to local farmers.

03/03/2021 – CURRENT Lagos, Nigeria

### SOFTWARE DEVELOPER BATHPHAGE ICT CENTER | WEB3GLOBAL

- Created clean, well-documented codes and updates.
- Implemented responsive design principles to ensure mobile compatibility of websites.

- Collaborated with designers to develop top-notch user-friendly web products
- Built custom WordPress sites for clients
- Trained over 50 students in Software development, data analysis and digital marketing

**Address** 22 Ijede Road Itamaga Ikorodu , 102222, Lagos, Nigeria

12/10/2023 – CURRENT Texas, United States

**BUSINESS DATA ANALYST AND SOFTWARE DEVELOPER** HORDANSO LLC

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- Analyse data trends and create visualizations for management review.
- Collaborates with management to identify customer specifications.
- Design and develop algorithms and API integrations
- Works with the CEO to ensure customer-retention
- Ensures clients data are safe, maintained and GDPR Compliant

● **EDUCATION AND TRAINING**

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20/12/2013 – 28/02/2019 Owerri, Nigeria

**B.TECH SOIL SCIENCE AND TECHNOLOGY** Federal University of Technology, Owerri

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**Address** Ihiagwa Owerri P.M.B 1526, 460114, Owerri, Nigeria | **Website** <https://futo.edu.ng/> |

**Field of study** Soil Science and Technology | **Final grade** Second Class Upper Division |

**Thesis** Pyrolized agricultural wastes for improving degraded soil, nutrient use efficiency and growth performance of Maize (Soil and Environment Journal 39 (1):95-105), May, 2020)

10/06/2022 – 01/01/2023

**SOFTWARE ENGINEERING** ALX AFRICA

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**Website** <https://www.alxafrica.com>

01/01/2022 – 07/01/2022 Niger , Nigeria

**ACCELERATED SOFT SKILLS (YOUNG AFRICA WORKS)** Jobberman

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**Website** <https://www.jobberman.com>

05/05/2020 – 23/05/2020 California, United States

**HOW TO START A BUSINESS** MyOwnBusiness Institute, Santa Clara University

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**Website** <https://www.scu.edu>

02/11/2019 – 07/11/2019 Niger, Nigeria

**ENVIRONMENTAL IMPACT ASSESSMENT SKILLS BOOTCAMP** Skylight Global Nigeria

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**Website** <https://www.skylight.global>

02/11/2019 – 07/11/2019 Niger, Nigeria

**HEALTH, ENVIRONMENT AND SAFETY SKILLS BOOTCAMP** Skylight Global Nigeria

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**Website** <https://www.skylight.global>

● **LANGUAGE SKILLS**

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Mother tongue(s): **IGBO**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C2	C2	C2	C2	C2
<b>CHINESE</b>	A1	A1	A1	A1	A1

## ● **DIGITAL SKILLS**

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Python | R Programming | Microsoft Office package: Microsoft Word, Excel, PowerPoint, Access | Google Suite (Doc, Slides, Form, Sheet, Drive) | Web development (HTML/CSS, JavaScript) | Video Conferencing (Zoom, Teams, Skype, Webex) - Advanced | Flexible and adaptive to change resourceful in getting the work done. | GIS software: Expert QGIS and good control of ArcGIS | IBM Statistical package for Sciences (SPSS) | data processing and analysis software: Origin (advanced) | Power apps Power query Power BI | SQL and MS-SQL

## ● **PUBLICATIONS**

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2020

[Pyrolized agricultural wastes for improving degraded soil, nutrient use efficiency and growth performance of Maize \(Soil and Environment Journal 39 \(1\):95-105\), May, 2020](https://doi.org/10.25252/SE/2020/111938)

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DOI: <http://dx.doi.org/10.25252/SE/2020/111938>

Stanley Onwudike and Jedidiah Onwubiko

## ● **NETWORKS AND MEMBERSHIPS**

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18/12/2013 – 02/2019 Owerri, Nigeria

**Member, Nigeria Union of Soil Science Students**

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## ● **CONFERENCES AND SEMINARS**

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05/12/2016 – 05/12/2016

**World Soil Day, "Soils and pulses, a symbiosis for life". Department of Soil Science and Technology FUTU.**

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15/05/2015 – 15/05/2015

**Plero Energy Lagos training on "Petroleum rig safety and introduction to Petroleum Geology.**

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## ● **HONOURS AND AWARDS**

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02/2019

**Best Graduating Student, Department of Soil Science – Federal University of Technology Owerri**

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19/11/2024

**Among the top best students on Sustainable Agricultural Land Management. – University of Florida, USA (Online agriyouth programme)**

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Completed 2019 and certified 2024

## ● **MANAGEMENT AND LEADERSHIP SKILLS**

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**Research Planning: Ability to plan and organize research projects, including defining research questions, methodology, and timelines.**

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**Adaptability: Flexibility in adapting to new research methods, technologies, and approaches, staying current with advancements.**

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## ● **RESERCH INTEREST**

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### **Photocatalysis of Pollutants and Energy Generation**

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Utilizing novel doped photocatalysts responding to light wave lengths of 400 -700nm to degrade pollutants in soil, water and air cum generate hydrogen for clean energy.

### **Biomass Waste Utilization and Energy Conservation in Pollution Control Engineering**

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Exploring sustainable methods for converting biomass waste into energy while improving energy efficiency and reducing emissions in pollution control systems, aiming to achieve a low-carbon economy.

## Ecological Restoration Techniques in Agricultural Landscapes for Enhanced Environmental Protection

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Investigating the integration of ecological restoration practices in agricultural regions to promote biodiversity, soil health, and water conservation, while mitigating the impact of intensive farming on natural ecosystems.

## GIS and Geoscience Applications in Environmental Pollution Monitoring and Health Risk Assessment

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Utilizing Geographic Information Systems (GIS) and geoscience techniques to analyze spatial patterns of environmental pollution and assess the associated health risks, enabling more effective environmental management and decision-making.

## Environmental Analysis and Detection Technologies for Low-Carbon and Sustainable Development

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Developing advanced environmental analysis tools and detection technologies to monitor pollutants, optimize energy use, and contribute to the advancement of low-carbon research in support of global sustainability goals.

## Innovative Air Pollution Control Technologies for Urban and Industrial Areas

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Focusing on the development and optimization of advanced air pollution control systems to reduce emissions in urban and industrial settings, with an emphasis on sustainable technologies for particulate matter and greenhouse gas reduction.

## Smart Farming, Agroecology, Sustainable Agriculture and Food Security

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Implementing precision agriculture techniques using GPS, IoT sensors, and drones to monitor crop health, soil conditions, and weather patterns, optimizing irrigation, fertilization, and pest control for increased efficiency and productivity.

Promoting biodiversity and integrating livestock to create balanced ecosystems that enhance soil fertility and natural pest control, while reducing the need for chemical inputs.

Focusing on water conservation through drip irrigation and rainwater harvesting, incorporating renewable energy sources like solar and wind power, and practicing organic farming to maintain soil health and reduce environmental impact.

Supporting local food systems and community gardening projects to increase local food production, reduce dependency on global supply chains, and provide fresh produce to underserved areas. Providing education and training to farmers on sustainable practices and new technologies to improve productivity and resilience.

## ● COMMUNICATION AND INTERPERSONAL SKILLS

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### Empathy, Active Listening, Exceptional Verbal and written communication

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- **Exceptional verbal and written communication:** Ability to articulate thoughts clearly and effectively both in speaking and writing.
- **Active listening:** Proficient in attentively listening to others' perspectives and understanding their concerns.
- **Empathy:** Demonstrates understanding and compassion towards others' feelings and experiences.
- **Clarity and Conciseness:** Can convey complex ideas in a clear and concise manner for better understanding.
- **Negotiation and Persuasion:** Skilled in negotiating agreements and persuading others to see different viewpoints or ideas.
- **Collaboration:** Works well in a team environment, values input from colleagues, and contributes positively to group discussions..
- **Professionalism:** Maintains a high level of professionalism in all interactions, both internal and external to the organization.
- **Feedback:** Gives and receives constructive feedback gracefully, fostering a culture of continuous improvement.

## ● VOLUNTEERING

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10/02/2020 – CURRENT Minna

**Resource Personnel at Blessed Health Spring (NGO for adolescents and youths)**

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17/11/2019 – CURRENT

**Project and Social Media Manager at Leadership Assembly Nigeria (Youth- based NGO)**

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## ● **HOBBIES AND INTERESTS**

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Playing Musical Instruments, Reading Inspirational Books, Research

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## ● **RECOMMENDATIONS**

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**DR. S.U. ONWUDIKE** Senior Lecturer

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- I strongly recommend him for his apt and doggedness to ensuring work is done.

**Email** [stanley.onwudike@futo.edu.ng](mailto:stanley.onwudike@futo.edu.ng) | **Phone** (+234) 8037303488

**Dr. Michael. A. Okon** Senior Lecturer Soil Physics and Chemistry

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-He is a very keen, research ardent student of Soil Physics and Chemistry cum environmental pollution control.

**Email** [michael.okon@futo.edu.ng](mailto:michael.okon@futo.edu.ng) | **Phone** (+234) 8064055604

**Jude Anumudu** CEO Web3 Global and Bathphage ICT Center

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- Given his academic achievements, professional experience, and passion for environmental engineering, he is good and cares about the environmental impact of any activity we are doing even as a Software developer for us.

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