**MUTIULAHI Tesleem Olamilekan**

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# EDUCATION

**Adeleke University Ede, Osun State, Nigeria.** *2017 – 2021*

**Bachelor of Science (BSc.) in Computer Science** Second Class Upper (*Honors*) - 4.29 / 5.00

# WORK EXPERIENCE

1. **Graduate Assistant** *August 2022 - Present*

**Summit University Offa, Kwara State, Nigeria.**

* 1. Coordinate Industry Immersion Program at the Department of Mathematics and Computer Science with over 20 students in attendance.
  2. Deputy Coordinator, ICT Department: develop and manage the university website, admission, and student portals currently in use by over 150 students.
  3. Assists HOD Mathematics and Computer Science Department on a **Course:** Object Oriented Programming (JAVA), Introduction to Computer.

1. **Software Engineer** *August 2022 - Present*

**Innovation and Advanced Science Research Group (IASRG)**

1. Contributed to the creation of websites for all awarded grants within the unit.
2. Served as a team member for Computer Science and AI-related proposal development.
3. Managed and oversaw AI-related projects wins, including handling project execution and organizing associated events.
4. **Software Engineer** (Contract) *August 2022 – August2023*

**Vorbtech Innovative Solutions**

**Back-end developer on the SWEET RIDE project; A mobile app like Uber**

* 1. Develop and maintain a RESTful API using PHP and Laravel framework.
  2. Implementing new features, such as integration with third-party payment systems.
  3. Collaborate with a cross-functional team including a project manager, UI/UX mobile developer, and front-end developer to deliver high-quality results.

1. **Software Engineer** *March 2021 - September 2021*

**O' Bounce Technologies Ibadan, Nigeria. (Fintech Company)**

* 1. Wrote a script that automated the manual process of updating over 50 websites and databases, ensuring website and database accuracy.
  2. Built a credit scoring and loan system to simplify the loan decision-making process for over seven financial institutions.

1. **Software Developer** *January 2021 - March 2021*

**Fountain University Osogbo, Nigeria.**

* 1. Developed a school portal including of student portal, admission portal, online transcript application system, and bursary portal, among others.

1. **Software Engineer** *February 2019 - December 2019*

**Ibn Qayyim Pros Institute of Arabic and Programming**

**Facilitator:**

Trained 20 interns in website development: HTML and CSS, resulting in a more than 90% success rate in post-training assessment.

**Project managed:**

Designed a voting system using CSS, JavaScript, PHP, and HTML that can accommodate over 5,000 users without breakdown.

# RESEARCH GRANT AWARDS

1. 2022: Artificial Intelligence for Females in STEM (AI4FS) Submitted to the Royal Academy of Engineering (HEP for Sub-Saharan Africa 22/24), Project ID: HEPSSA-2224-4-100184, [Role: Member, Team Lead ICT].
2. 2023: Biomethane Production for Clean Cooking (BP4CC) Fund by the School of Civil Engineering University of Leeds

# PUBLICATIONS (ABSTRACT)

1. Tesleem Olamilekan Mutiulahi\*, Usman Okeme 2 (2023) Developing Effective Resource Access Management System for Academic Institutions, KU8 Consortium International Conference, University of Ilorin, Kwara State Nigeria (Approved)
2. Tesleem Olamilekan Mutiulahi\*, A. Oluwafunmilola2 (2023) Design and Implementation of a Private Tutor Finder System, KU8 Consortium International Conference, University of Ilorin, Kwara State Nigeria (Approved)

# TALKS / WORKSHOPS / SEMINARS / CONFERENCES

1. **Facilitator:** A 2-Week Capacity Development Workshop for Offa Talent Pool, **BOOTCAMP Web Development**, Summit University, Offa Kwara State Nigeria, June (2023).
2. **Facilitator:** A 2-Day Capacity Development Workshop for Secondary Schools Teacher and Student’s, **Financial Literacy Skill**, Summit University, Offa Kwara State Nigeria, June (2023).
3. **Participant:** Deep Learning INDABAX Nigeria 2023 Conference, June (2023).
4. **Participant:** A 2-Day Capacity Development Workshop, **Artificial Intelligence for Females in STEM(AI4FS) Conference** held by Artificial Intelligence for Females in STEM (AI4FS) projects sponsored by the Royal Academy of Engineers held at the Summit University Offa, November (2022).
5. **Facilitator**: Collaborative Capacity Development Workshop held at the International Vocational, Technical and Entrepreneurship College, Ajase-Ipo, Kwara state, October 2022.
6. **Participant:** A 2-Day Capacity Training on Grantsmanship, **Research Proposal Writing and Development for Academic Staff of Science & Technology- Based Disciplines in KWASU** held at National Centre for Agriculture and Mechanization, Idofian, Kwara state, October 2022.

# SKILLS AND INTERESTS

**Proficient in:** PHP, Laravel, MySQL, HTML, CSS, Git, Bootstrap, JavaScript, jQuery, Microsoft Office, Heroku

**Familiar with:** Python, [PostgreSQL](https://www.postgresql.org/)

**Research Interest:** Artificial Intelligence (AI), Machine Learning, Expert Systems, Software Engineering

# EXECUTED PROJECTS

1. **Design and Implementation of Private Tutor Finder (Final Year Undergraduate Project):**

A web-based application that allows students to find the perfect tutor for any subject they wish, **Stack used**: is CSS, JavaScript, PHP, Laravel, and HTML as the tech stack.

1. **Phone Store**

An e-commerce website for phone buying and selling.

1. **Online Computer-Based Test**

Created a computer-based testing application for the Federal University of Health Science Ila-Orangun to administer the 2022/2023 Post Unified Tertiary Matriculation Examination (Post UTME). More than 7000 students participated in the examination at their designated locations.

1. **Darul – Sallam**

A marked place for real estate agents, real estate companies, and individuals to market their properties to buyers.

1. **Agriculture Management System (AMS)**

Led the design and implementation of a remote farm management application, integrating real-time data collection, weather forecasting, harvest history management, and advanced analytics. Successfully delivered a user-friendly interface that empowers farmers to optimize agricultural operations, enhance productivity, and minimize resource consumption.

# VOLUNTEER ACTIVITIES

1. **Served in National Youth Service Corps (NYSC)**

**Project managed:**

Develop and Implemented a Hostel Complaint System to address student concerns effectively.

**Organized and managed** **events at Summit University**

* + 1. Grantsmanship: Arranged a workshop on grant writing, providing valuable knowledge to approximately 50 participants.
    2. Drone Building and Piloting: Conducted a hands-on session on building and flying drones, engaging an average of 50 participants.
    3. Clean Energy for Kwara State: Coordinated an event focusing on promoting clean energy practices, drawing an average of 50 attendees.
    4. DSN AI Invasion: Organized an event on the invasion of Artificial Intelligence in Data Science Nigeria, attracting approximately 50 participants.

1. **Facilitator at IBN Qayyim Pros**

Volunteered as Facilitator on a 1-month training for interns on website development at the Ibn Qayyim Pros Institute of Arabic and Programming.

# LEADERSHIP EXPERIENCE

1. **President, Faculty of Science Student Association (FOSSA):**

Led a team of executives in organizing several successful events and initiatives.

* 1. Arranging tutorials for 100 and 200-level students of all departments in my faculty, with an attendance rate of approximately 90%.
  2. Organizing an orientation program for new students, with an attendance rate of approximately 90%.
  3. Organizing an end-of-the-session dinner night for all students in the faculty, with an attendance rate of approximately 98%.
  4. Establishing a developer group for the faculty called the FOSSA Developer Group.

1. **Treasurer, Nigeria Association of Computer Science Adeleke University Chapter:**
   1. Prepared financial reports and presented them to the executive team and the membership.
   2. Managed the organization's budget and ensured that it was properly given and tracked.
2. **Enrolment Drive Team Lead:**
   1. Led a team of 10 in promoting Summit University to potential students at 7 secondary schools, demonstrating strong organizational and leadership skills. Successfully encouraged enrollment and helped to improve the university's visibility in the community.

# LANGUAGES

**Yoruba:** Native language | Fluently level 85%

**English:** Not my native language | Fluently

# REFERENCES

**Engr. Prof. Abiodun Musa Aibinu,**

Vice-Chancellor,

Summit University, Offa, Kwara State, Nigeria.

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**Dr. Adepegba Oluwafunmilola,**

Lecturer,

Adeleke University, Ede, Osun State.

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