Toyiomfon Udoete

tudoete@uwyo.edu | (251) 508-2013 | Laramie,Wy.

EDUCATION

Master of Science – Artificial Intelligence   **August** 2025 - *Present*
University of Wyoming (UW) | Laramie, WY

Bachelor of Science – Software Engineering   May 2024
Babcock University | Ogun, Nigeria.   GPA – 4.1/5.0

REVELANT COURSEWORK

| Algorithms and Data Structures |Introduction to Computer Science and programming (C, C++) | Programming in Java|Artificial Intelligence and Applications |Introduction to Big Data Engineering

Ongoing: Explainable AI | Introduction to Artificial Intelligence/Machine learning | Matrix Theory

PROJECT EXPERIENCE

BUtransit | Website Developer   *Jan 2023- July 2023*

BUtransit is an innovative ride-hailing platform designed to enhance mobility for students within Babcock University. As a key contributor to the front-end development, I:

- Researched and implemented intuitive user interfaces to facilitate seamless ride requests and tracking.
- Developed responsive front-end components.

Diabetes Progresion using Linear Regression   *September 2025*

- Developed and evaluated a linear regression model to predict diabetes progression using medical indicators such as BMI, cholesterol levels, and blood glucose.
- Conducted data prepossessing, correlation analysis, and multicollinearity reduction to improve model accuracy and interpretability. Achieved strong predictive performance and derived clinically consistent insights.

Iris Species Classification using Random Forest   October 2025

- Built a Random Forest classifier to classify Iris flower species (Setosa, Versicolor, Virginica) based on morphological features.
- Performed exploratory data analysis, feature importance ranking, and model interpretation using partial dependency and interaction plots. Achieved over 95% classification accuracy with explainable insights into key predictive features.

WORK EXPERIENCE

Web Development Intern |Root hub Accelerator Systems   *Jan 2022 - Jun 2022*

- Worked on developing responsive front-end web development tasks, focusing on creating intuitive layouts and improving overall user interaction.
- Gained practical experience in software development workflows, version control, and collaborative coding in a team environment.

Graduate Teaching Assistant | UW, Laramie, WY   August 2025 – Present

- Assisted course instructor by grading assignments, quizzes, and exams in accordance to university standard.
- Ensured timely and accurate evaluation of student work while maintaining fairness and consistency with grading practices.

SKILLS

| C\C++ | Python | HTML|Java-script |SQL |Micro-soft Excel | Communication | Teamwork | Problem Solving

VOLUNTEER EXPERIENCE

Nigerian National Youth Service Corps Evaluation Committee

Assisted in collecting, organizing, and analyzing performance data to evaluate Corps members' effectiveness and support data-driven improvements to program outcomes.