

# Soultan Toure Salifou

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## SUMMARY

A Computer Science student specializing in Data Science with hands-on experience in machine learning, AI, and data analytics. Strong analytical and problem-solving skills with project-based expertise in predictive modeling, computer vision, and deep learning.

## EDUCATION

**Multimedia University** **March 2023 – Present**  
*Bachelor of Science in Computer Science* **CGPA: 3.84**

**Key Courses:** Machine Learning, Data Mining, Statistical Data Analysis, Data Visualization, Algorithms, OOP & Data Structures

**MMU International Merit Scholarship** – Granted for maintaining a high GPA in the first trimester.

**Multimedia University** **Oct 2021 – Sept 2022**  
*Foundation in Information Technology* **CGPA: 3.83**

**Key Courses:** Problem Solving & Program Design, Critical Thinking, Discrete Math

**MMU Entrance Scholarship** – Awarded for outstanding high school performance.

## PROJECTS

**Applied Theorems (Streamlit, Data Science, Statistical Analysis)** – Built an interactive platform to visualize mathematical and statistical theorems, applying Benford's Law for fraud detection and Bayesian Theorem for disease diagnosis and spam detection.

**Audiobook Churn Prediction (Machine Learning, Neural Networks, Data Preprocessing)** – Developed a customer retention prediction model using feature engineering, data preprocessing, and classification with neural networks.

**Vehicle Tracking & Detection (YOLOv8, Computer Vision, Object Tracking)** – Created a real-time traffic analysis system using object detection and tracking techniques.

**Employee Absenteeism Prediction (Logistic Regression, HR Analytics)** – Built a predictive model for absenteeism risks based on workforce analytics, applying logistic regression and feature selection.

**Palm Tree Disease Detection (Deep Learning, CNNs, Image Classification)** – Developed a CNN-based model (85% accuracy) for plant disease detection in agriculture.

**Python Games (OOP, Game Development)** – Built multiple interactive games (Blackjack, Hangman, Snake, etc.), applying object-oriented programming (OOP) and event-driven logic.

## CERTIFICATIONS EXTRACURRICULAR ACTIVITIES

**365 Data Science Bootcamp (Udemy)** – Mathematics, Statistics, Machine Learning, Scikit-Learn, Deep Learning, TensorFlow.

**Udacity Data Analysis Track** – Descriptive Statistics, SQL, Data Cleaning, Data Visualization.

**Dean's List Award (6x)** – Recognized for consistent academic excellence.

**Events Officer, MMU ISS (2023-2024)** – Assisted in organizing student engagement events.

**TEDxMMU Managing Division** – Contributed to the planning and execution of TEDxMMU.

**Co-Director, "How to Make FYP 5 Stars" Training Session** – Led a session to guide students on final-year projects.

## SKILLS

**Programming Tools:** Python, SQL, OpenCV, YOLOv8, Streamlit, TensorFlow, Scikit-learn.

**Data Science AI:** Machine Learning, Deep Learning (CNNs, Neural Networks), Predictive Modeling.

**Data Analysis Visualization:** EDA, Data Wrangling, Data Storytelling, Feature Engineering.

**Soft Skills:** Problem-Solving, Critical Thinking, Communication, Teamwork, Adaptability.