

YUSUF IBRAHIM

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Technical Skills

Languages & Databases: Python (NumPy, Pandas, Scikit-learn, TensorFlow, PyTorch), SQL, R, JavaScript (ReactJS, Angular)

Data Science & ML: Machine Learning, Deep Learning, NLP, OpenCV, Data Analytics

Data Visualization: Tableau, Power BI

Web Development: HTML, CSS, JavaScript, Django

Cloud & DevOps: AWS (EC2, S3, Lambda).

Version Control: Git, GitHub

Other Skills: Problem-Solving, Communication, Leadership

Experience

Albukhary International University

Student Ambassador

February 2024 – January 2025

Alorsetar, Malaysia

- Organized academic and social events to enhance student engagement.
- Led the Hult Prize competition, mentoring students on startup development.
- Secured funding for student-led initiatives by collaborating with university staff.

Instream Consultancy

Web Development Intern(Remote)

July 2023 – January 2024

Hargeisa, Somaliland

- Developed and maintained responsive web apps with ReactJS & Angular.
- Improved website performance by 30% through code optimization.
- Enhanced user engagement by 20% with improved UI/UX.

Projects

AIU Admission Automation System (2025) | Python, Deep Learning, Django REST

- Built a 97% accurate deep learning model to predict admission likelihood, reducing manual processing by 75%.
- Integrated with university systems via Django REST Framework to automate workflows.

Hand Sign Detection & Classification (2025) | MediaPipe, Neural Networks

- Developed a real-time model to interpret signs like "hello" and "thank you," improving accessibility for the hearing-impaired.

Smart Attendance System (2024) | OpenCV, FaceNet, AWS

- Designed a facial recognition system deployed on AWS, cutting attendance tracking time by 60% while ensuring security.

Recyclable Waste Classifier (2024) | CNN, Computer Vision

- Trained a 90% accurate CNN model to classify recyclables, supporting AIU's 3Zero sustainability goals.

Sales Prediction Model (2023) | XGBoost, Flask API

- Delivered a 91% accurate ML model to forecast sales, helping businesses optimize inventory and reduce waste.

Education

Albukary International University

Bachelor of Computer Science (Data Science specialisation)

February 2023 – Present

CGPA: 3.71

Certifications

- Google Data Analytics Professional | Google
- IBM Data Science Professional | IBM
- Machine Learning Specialization | Stanford University (Andrew Ng)
- IBM Machine Learning Professional | IBM
- AWS Machine Learning Foundation | AWS
- Applied Data Visualization in Python | University of Michigan

Awards and Honours

- Yasan Foundation Scholarship Program | Albukhary International University | February 2023 – Present: Awarded to support my undergraduate studies, recognizing outstanding academic performance and dedication to community service.
- Dean's List Award (All 6 Semesters) | Albukhary International University | 2023- Present
- Best Project Award (Recyclable Waste Classifier) | AIU 3Zero Initiative | 2024
- Top 10% in Zindi Machine Learning African Credit Card Scoring Competition | Out of 1,900 Participants | 2025