

# Yusuf Ibrahim

Yusufabdirahman1122@gmail.com | +60179014301  
<https://github.com/YusufRaygal> | [www.linkedin.com/in/yusuf-ibrahim-0a9a002b2](https://www.linkedin.com/in/yusuf-ibrahim-0a9a002b2)

## Skills

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

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

Data Visualization: Tableau, Power BI

Web Development: HTML, CSS, JavaScript, Django

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

Version Control: Git, GitHub

Soft Skills: Problem-Solving, Teamwork, Communication, Leadership, Critical Thinking

## Work Experience

Albukhary International University Feb 2024 – Jan 2025

Student Ambassador

- 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 (Remote) July 2023 – Jan 2024

Web Development Intern

- 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.

## Education

Albukhary International University, Malaysia February 2023 - Present

Bachelor Of Science In Computer Science(Data Science Specialisation) CGPA: 3.71/4.0

Relevant Coursework: Machine Learning, Deep Learning, Statistical Programming, Object-Oriented Programming (OOP), Data Structures and Algorithms (DSA), Operating Systems (OS), Natural Language Processing (NLP), Information Visualization, Database Management Systems, Big Data Analytics, Probability and Statistics.

## Project Work

- AIU Admission Automation System (2025): Built a 97% accurate deep learning model to predict admission likelihood. Integrated with AIU's system using Django REST Framework, reducing manual work by 75%.
- Hand Sign Detection & Classification (2025): Developed a MediaPipe + Neural Network model to recognize hand signs like "hello" and "thank you," improving accessibility for the hearing-impaired.
- Smart Attendance System (2024): Designed a FaceNet-based attendance system with OpenCV & Flask, deployed on AWS for secure and efficient tracking.
- Recyclable Waste Classifier (2024): Created a CNN-based model (90% accuracy) for classifying recyclable materials, contributing to AIU's 3Zero sustainability initiative.
- Sales Prediction Model (2023): Built a 91% accurate ML model using XGBoost & Flask API to help businesses forecast sales and optimize inventory.

## Certifications

---

- Google Data Analytics Professional Certificate | Google (Coursera)
- IBM Data Science Professional Certificate | IBM (Coursera)
- Machine Learning Specialization | Stanford University (Andrew Ng, DeepLearning.ai)
- IBM Machine Learning Professional Certificate | IBM (Coursera)
- AWS Academy Machine Learning Foundation | AWS
- Applied Plotting, Charting, and Data Representation in Python | University of Michigan (Coursera)

## 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

## Languages

---

- English: Fluent
- Arabic: Proficient
- Somali: Native
- Malay: Beginner