MOHAMED ABDULLAHI ALI

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Final-year Computer Science student specializing in Data Science and Analytics, with practical experience in machine learning, Python, data preprocessing, data visualization, and full-stack web development. Experienced with cybersecurity fundamentals and Zero Trust Network Architecture (ZTNA). Highly motivated to apply data-driven techniques to real-world problems and seeking an internship to further develop technical and professional skills.

SKILLS

- **Programming Languages:** Python, SQL, JavaScript, PHP, Java, C.
- **Web Development:** Frontend (HTML, CSS, JavaScript, React, Bootstrap, Tailwind CSS), Backend (PHP, Node.js), Data Apps (Streamlit).
- **UI/UX & Design:** Figma, Canva, Wireframing, Prototyping
- **Data Science & Machine Learning:** Data Cleaning & Preprocessing, Exploratory Data Analysis (EDA), Predictive Modeling, Regression & Classification, Clustering, NLP, Neural Networks, Sentiment Analysis, Data Visualization.
- **Tools & Platforms:** Git, GitHub, Tableau, Anaconda, JupyterLab, RStudio, VS Code, Streamlit, Excel, XAMPP, Notion.
- **IT & Hardware:** Linux (Ubuntu), Networking Fundamentals, System Administration Basics, Virtualization (VirtualBox), Firewall Fundamentals, Troubleshooting, IoT

PROJECTS

Zero Trust Network Architecture (ZTNA) — **Alor Setar, Malaysia** *Oct 2025-Jan 2026*
   Hybrid both simulation layer and web layer

- This project simulates a Zero Trust Network Architecture that continuously verifies users and devices, enforces least-privilege access, and provides real-time threat monitoring through a SOC dashboard.

Amazon Product's Positive and Negative Review classification — **Alor Setar, Malaysia** *Jan 2026*
   Natural Language Processing

- This project classifies Amazon product reviews into positive or negative sentiments using NLP preprocessing, TF-IDF features, and machine learning models.

Handwritten Writer Identification — **Alor Setar, Malaysia** *Dec 2025*
   Deep Learning

- This project uses a CNN-based deep learning model to identify the writer of handwritten documents by learning unique handwriting patterns.

Digital Marketing Campaign Optimisation — **Alor Setar, Malaysia** *Aug 2025*
   Data mining

- This project applies data mining techniques to optimize digital marketing campaigns by identifying customer segments, product associations, anomalies, and personalized recommendations.

LEADERSHIP EXPERIENCE

Community Organization For Relief and Development (CORD) — *Bosaso, Somalia* *Mar 2018-June 2020*
   Cameraman

- Cameraman responsible for digital video capture, media documentation, and technical handling of audiovisual equipment for NGO projects.

AIU Somali students — *Alor Setar, Malaysia* *2025---2026*
   Secretary

- Secretary for the Somali Student Community, managing administration, meeting coordination, record keeping, and supporting leadership in organizing student activities and initiatives.

African Students Associations — *Alor Setar, Malaysia* *2023*
   Deputy Director of International Relations

- Responsible for supporting cross-cultural initiatives, coordinating engagement with international student communities, and contributing to the planning and execution of multicultural programs and events at Albukhary International University.

AIU Somali students — *Alor Setar, Malaysia* *2024---2025*
   Head Of Media

- Head of Media responsible for media strategy, content development, event coverage, and digital communication for student community initiatives.

EDUCATION

Albukhary International University *Alor Setar, Malaysia*
Bachelor of Computer Science Hons *0ct 2023-present*

- Focus Areas: Artificial Intelligence (AI), Machine Learning, Internet of Things (IoT), Web Development, Network and Security Tools

- Relevant Coursework: Machine Learning, Deep learning, Data Mining Probability & Discrete Mathematics, Data Structures & Algorithms, DBMS, Computer Organization and Architecture

References *Alor Setar, Malaysia*

- **Associate Professor Dr. Basheer Riskhan –** Dean of School of Computing and Informatics

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- **Dr Abu Bakar bin Ngah** – Lecturer, Computer Science
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