



# Abdiwahab Adam Osman

## COMPUTER SCIENCE STUDENT

### About Me

I am a final-year Computer Science student specializing in Data Science at Albukhary International University. My expertise includes Data Analysis, Business Analysis, Machine Learning, and Web Development, with skills in HTML/CSS, JavaScript, SQL, and WordPress. I have developed websites, conducted data-driven projects, and applied machine learning to extract business insights. My experience includes managing inventory data as Assistant Manager at Tawakal Stationery and processing data at PUNCAK PERKHIDMATAN KOMPLEKS SDN BHD (PPK) in Malaysia. An active volunteer with the Alqisc Club, I am passionate about contributing to impactful, tech-driven solutions.

### Contact



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<https://abdiwahab23.github.io/me/>



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05200 Alor Setar, Kedah

### Technical Skills

- Python
- NumPy
- Pandas
- Excel
- Data Visualization
- Tableau
- Machine Learning
- HTML
- CSS
- php
- JavaScript
- SQL
- SEO
- WordPress

### Soft Skills

- Communication
- Teamwork
- Attention to detail
- Adaptability
- Critical thinking
- Time Management

### Certifications

- Google Data Analysis (some courses)
- AWS Academy Machine Learning Foundations
- HTML&CSS-Sololearn
- Data Visualization & Dashboard Essentials-IBM

### Education

**Bachelor of Computer Science (Honours)** **October 2022 - Present**  
*Albukhary International University (AIU), Malaysia*

At Albukhary International University, I have engaged in various competitions and real-world projects that have enhanced my practical skills and fostered my passion for technology.

### Experience

#### MARKET BASKET ANALYSIS(MACHINE LEARNING PROJECT)

- Performed Market Basket Analysis to identify purchasing patterns and build a recommendation system. **NOV 2024**
- Optimized store layouts and proposed targeted marketing strategies.

#### Personal Portfolio

**DEC 2024**

- Designed and developed custom personal portfolio websites.
- Used HTML, CSS, and JavaScript for structure, styling, and interactivity.
- Tailored portfolios to highlight individuals' unique skills and achievements.
- Customized layouts and features based on personal branding needs.

#### Developed E-Learning Website - xulasho.com

**August 2024**

- Developed an e-learning website called Xulasho.
- Enabled users to log in, enroll in courses, and create personal profiles.
- Integrated a certificate issuance system upon course completion.
- Focused on making learning accessible and rewarding for all users.

#### Developed Customer Segmentation Model for Targeted Marketing Using Machine Learning

**September 2024**

- Developed a customer segmentation model using machine learning.
- Applied K-Means and Hierarchical Clustering for customer grouping.
- Segmented customers based on demographics, spending habits, and income levels.
- Enabled targeted marketing strategies and personalized services.

#### Developed Customer Segmentation Model for Targeted Marketing Using Machine Learning

**Jan 2025**

- Built an application to classify text into Positive, Neutral, or Negative sentiments, enabling better understanding of customer opinions.
- Provided real-time sentiment predictions through an interactive interface, helping businesses analyze customer feedback effectively.

## Awards & Honors

- Dean's List – 5 Semesters
- Best E-Poster for Environment Cluster
- Albukhary Scholarship Award

## Languages

- English (Full Professional)
- Somali (Native)
- Arabic (Native)

## Extracurricular Activities / Leadership

### Treasurer | AIU Somali Students Community 2022 - 2023

- Managed financial planning, budgeting, and fundraising activities.
- Developed a money management system using Google Spreadsheet to track loans, monthly contributions, and all financial records, and providing proof of transactions.

### Financial Controller | ALQISC Club, Albukhary International University, Malaysia 2023 - 2024

- Managed cash flow, budgeting, and financial analysis.
- Developed a specialized data recording system using Excel to ensure accurate financial records and compliance.
- Secured over 6,500 MYR in event funding, supporting financial sustainability for club activities.

### Vice President | ALQISC Club, Albukhary International University, Malaysia 2024- PRESENT

- Selected by the ALQISC Club board to serve as Vice President.
- Managing club operations in the President's absence
- Overseeing secretaries, and supervising the media team.

## University Projects

### Albukhary Dialysis Data Management System (Final-Year Project)

- Developed a system to manage patient records, treatment schedules, and resources for Albukhary Dialysis.
- Improved data tracking efficiency and streamlined daily operations.
- Technologies Used: MySQL (database), PHP (backend), HTML/CSS/JavaScript (frontend) + Real time chatbot with OpenAI API

### SINGGHAN HOTEL MANAGEMENT SYSTEM

- Built a hotel management system using HTML, CSS, PHP, and MySQL.
- Worked on database design and functionality to streamline operations.

### REAL-TIME DATA MINING RESEARCH

- Built a cryptocurrency data model using Python.
- Fetched real-time data from CoinMarket.
- Applied machine learning for analysis.
- Co-authored a research paper.

## Work Experience

### FULL TIME ASSISTANT MANAGER AT TAWAKAL BOOKSHOP February 2018 - April 2021

- Managed shop operations, including leadership during the manager's absence.
- Developed a website and created content to boost the shop's digital presence.

### CEO & FOUNDER, XULASHO TECHNOLOGY & XULASHO ACADEMY (JULY 2023 - PRESENT) July 2023 - Present

- Founded Xulasho Technology, providing data entry, web design, and graphic design services.
- Launched Xulasho Academy, an e-learning platform for skill development and certification.

### DATA ENTRY SPECIALIST AT PERSATUAN PENGURUSAN KOMPLEKS (PPK), MALAYSIA (PART-TIME) March 2024-May2024

- Used Microsoft Excel for accurate data entry and management.
- Ensured efficiency in handling complex datasets in a part-time role.

### INTERN AT MYWORTHY HOME (REMOTE) October 2024

- Worked on SEO, optimizing both on-page and off-page elements.
- Delivered SEO tasks effectively to the supervisor.

## References

### Assoc. Prof. Basheer Riskhan

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### Prof. Dr. Khalid Hussain

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