



# Abdiwahab Adam Osman

## COMPUTER SCIENCE STUDENT

### About Me

I am a final-year Computer Science student specializing in Data Science, pursuing Bachelor's degrees from Albukhary International University. My focus on Machine Learning, Data Analysis, and web development has equipped me with problem-solving skills in database management, optimization, and creating user-friendly websites using HTML/CSS, JavaScript, WordPress, and SQL. I've built multiple websites and gained valuable experience in roles like Assistant Manager at Tawakal Stationery & Bookshop, managing inventory data, and as a part-time data processor at PUNCAK PERKHIDMATAN KOMPLEKS SDN BHD (PPK) in Malaysia. An active volunteer with the Alqisc Club, I am dedicated to further enhancing my skills and contributing to impactful, tech-driven projects.

### Contact



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



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05200 Alor Setar, Kedah

### Technical Skills

- Python, C, HTML, CSS
- Front-end and back-end development, WordPress, responsive design
- Python (NumPy, Pandas), data visualization, basic machine learning algorithms
- MySQL, SQL, database optimization
- Git, GitHub
- VS Code, Jupyter Notebook, PyCharm, Anaconda

### Soft & Hard Skills

- Project Management
- Teamwork and Communication
- Graphic Designer
- Digital Marketing
- Adaptability
- SEO

### 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.

#### Language Center-AIU LANGUAGE CENTER

November 2021 - September 2022

At a dedicated language center, I enhanced my English proficiency in preparation for the IELTS, which I successfully passed. This experience broadened my communication skills

#### High School Diploma

*imam ibnu khuzayma school*

2017 - 2020

Graduated with honors as one of the top students in the class, was part of the class leadership team, and worked closely with the class principal.

### 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-May 2024

- 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)

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

October 2024

## 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

- **AIU Conference** March 2024
  - Developed AIU Conference for managing conferences and paper submissions.
  - Built with WordPress for ease of use.
  - Streamlined the experience for attendees and organizers.
- **SINGGHAN HOTEL MANAGEMENT SYSTEM** May 2024
  - 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** Jun 2024
  - Built a cryptocurrency data model using Python.
  - Fetched real-time data from CoinMarket.
  - Applied machine learning for analysis.
  - Co-authored a research paper.

## Independent Projects

- **MARKET BASKET ANALYSIS(MACHINE LEARNING PROJECT)** NOV 2024
  - Performed Market Basket Analysis to identify purchasing patterns and build a recommendation system.
  - 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.

## References

<b>Assoc. Prof. Basheer Riskhan</b> Dean of the School of Computing and Informatics, AIU <b>Phone:</b> +60 11-6381 8017 <b>Email :</b> b.riskhan@aiu.edu.my	<b>Prof. Dr. Khalid Hussain</b> Professor School of Computing and Informatics, AIU <b>Phone:</b> +60 18-314 6306 <b>Email :</b> khalid.hussain@aiu.edu.my
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