

ABDIWAHAB ADAM OSMAN

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OBJECTIVE

Artificial Intelligence professional with expertise in LLMs (GPT), machine learning, computer vision, data analytics, API development, and full-stack web/system development. Skilled in training and deploying AI models, analyzing data for actionable insights, and creating intuitive solutions that enhance user experiences. Experienced in delivering innovative and scalable AI-driven applications across diverse industries.

PROJECTS & EXPERIENCE

AI Agent – Automated PDF Classification & Notification System

- Developed an independent AI-powered desktop agent to automate repetitive human tasks.
- Implemented scheduled folder scanning to automatically detect and classify scanned PDFs.
- Integrated OCR for text extraction and intelligent classification.
- Designed a PyQt6 desktop interface with system tray integration and instant notifications.
- Automated email alerts to notify users once tasks were completed, ensuring seamless workflow management.
- Packaged the system into a standalone .exe application for easy installation and deployment.

Intern – AI & Software Development | Blue Ocean Data Solutions Sdn. Bhd. | Mar – Sep 2025

- Contributed to the development of an AI-powered system for technical document processing.
- Trained object detection models (YOLOv5/YOLOv8) and integrated OCR tools for data extraction.
- Built a web-based annotation interface using Flask, JavaScript, and PDF rendering libraries.
- Strengthened skills in deep learning, UI/UX design, and cross-functional collaboration.

Pusat Dialysis Albukhary System (<https://pdacentre.com/>) (Nov 2024–Jan 2025)

- Designed an intuitive UX/UI to enhance user experience and accessibility.
- Built a dialysis management system with a comprehensive database, full functionality for patient management, and AI-powered features, including a chatbot for patient queries.
- Created a responsive website to facilitate patient appointments and service navigation

Deveoped Sentiment Analysis App using Python, NLP, Machine Learning. (Jan 2025)

- Built an application to classify text sentiments (Positive, Neutral, Negative) using Amazon customer review data.
- Delivered real-time sentiment predictions through an interactive user interface.
- Analyzed review patterns to extract actionable insights for product and service improvement.

Market Basket Analysis(Machine Learning project (Nov 2024)

- Conducted data analysis for Market Basket Analysis to identify purchasing patterns using Python
- Built a recommendation system to optimize store layouts and propose targeted marketing strategies.

EDUCATION

(Oct 2022 - Dec 2025)

Bachelor of Computer Science (Honours)

- Albukhary International University, Malaysia | CGPA: 3.6 | October 2022 - Present

ADDITIONAL INFORMATION

TECHNICAL SKILLS

- **Languages & Frameworks:** HTML, CSS, JavaScript, Bootstrap, PHP, Python, SQL, MySQL,
- **Tools & Platforms:** WordPress, Git, VS Code, Jupyter Notebook, Anaconda, GitHub, and Excel, Data Annotation tools.
- **Other Skills:** Responsive Design, SEO Optimization, Data Visualization, Machine Learning, Data Analysis,
- **Languages:** English, Arabic, Somali, and beginner-level proficiency in Bahasa Melayu.

SOFT SKILLS : Communication skills, attention to detail, time management, problem-solving, and adaptability.