

OBAI AHMED

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SUMMARY

Proactive Data Scientist and IT System Analyst with a Bachelor's degree in Computer Science (Data Science specialization) from Multimedia University, Malaysia. Demonstrated adaptability and commitment by working in a hybrid capacity from 2022 to 2024 at INVESTORS GP LDA, contributing to system monitoring, real-time analytics, dashboard creation, and customer support. Proficient in Python, SQL, TensorFlow, and network tools like Mikrotik and syslog analyzers. Fluent in Arabic and English, with intermediate Portuguese, bringing cross-cultural awareness and strong communication to tech-driven environments.

EDUCATION

Multimedia University

Cyberjaya, Malaysia

- Bachelor of Computer Science (Honours) | 2024
- Specialization: Data Science | Second Class Honours

PROFESSIONAL EXPERIENCE

Brithol Michcoma

Maputo, Mozambique

- *Data Analyst, IT Department* 07/2024—11/2024
 - Analysed networking data to identify patterns and optimization opportunities
 - Performed exploratory data analysis (EDA) to uncover actionable insights.
 - Configured and deployed over 200 Mikrotek routers across Mozambique client locations.
 - Deployed and configured PBX and VoIP systems utilizing Ylink and Cisco phones for 200+ employees, decreasing internal communication latency by 60% and saving approximately 10 hours per employee annually.
 - Monitored device performance using syslog-server tools and assisted in VSAT installations for remote connectivity.
 - Collaborated with interdisciplinary teams to support data-driven decision-making

INVESTORS GP LDA

Maputo, Mozambique

- *IT System Analyst | Data Entry Clerk | Call Officer, IT Department* 05/2022—05/2024
 - Monitored system performance and analysed real-time logistics data to support operations
 - Designed dashboards to track fleet deployment, fuel usage, and delivery schedules.
 - Collaborated with procurement and IT teams to improve data accuracy and reporting workflows.
 - Entered and maintained critical operational data in company systems with high accuracy.
 - Handled customer calls, resolved inquiries, and documented complaints for escalation and service improvement.
 - Supported hardware/software troubleshooting and maintained technical documentation
 - Logged and tracked customer complaints and technical issues, improving service quality.
 - Assisted in system documentation and record-keeping for audits and internal evaluations.

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PROJECTS

- **Arabic Sign Language Comparative Analysis**
 - Applied CNNs and LSTMs with transfer learning to improve recognition accuracy
 - Tools: CNNs, LSTMs, image processing, deep learning frameworks
- **FIFA 2022 Player Release Clause Prediction**
 - Built multi-linear regression models with feature engineering to predict clauses.
 - Tools: Regression analysis, Python, data wrangling
- **Real-Time Car Detection System**
 - Implemented YOLO algorithm for object detection in real-time.
 - Tools: YOLO, OpenCV, Python
- **Sentiment Analysis Tool for E-commerce**
 - Tools: RNNs, NLP, sentiment classification
- **COVID-19 Seasonal Impact Forecasting**
 - Developed predictive models to forecast infection trends using supervised learning techniques

PUBLICATION

Performance Evaluation on COVID-19 Prediction using Machine Learning Models." *Journal of Informatics and Web Engineering*, Vol. 4 No. 2, June 2025.

DOI: <https://doi.org/10.33093/jiwe.2025.4.2.5>

SKILLS

- **Languages:** Arabic- Fluent, English Fluent, Portuguese- Intermediate
- **Programming Languages:** Python, Java, C++, R, JavaScript
- **Data Analysis & Visualization:** Excel, Tableau, Google Colab, Jupyter Notebook, Matplotlib, Seaborn, D3.js
- **Machine Learning & Deep Learning:** TensorFlow, PyTorch, scikit-learn, OpenCV
- **Databases & Libraries:** MySQL, BD2, SQL, NumPy, Pandas
- **Networking & Tools:** Ubuntu OS, syslog-server analysers, Mikrotik, and Cisco network tools