Abdulrahman Hassan

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B.Sc. candidate in computer and communication engineering at Mansoura University. Skilled in Computer Programming, Data Analysis, Machine Learning, Computer Vision, and Algorithms.

Education

2019 - 2024   **B.Sc. Computer and Communication Engineering** - Mansoura University - GPA: 3.55

- Computer Programming
- Neural Networks
- Signals and Systems
- Operating Systems
- Control Systems
- Electronics
- Microprocessor Design
- Computer Architecture
- Data Structures and Algorithms
- Thesis: Autism Spectrum Disorder Classification through Convolutional Neural Networks Analysis of Eye Tracking Data
- Advisor: Prof. Sarah Ayyad

Student Projects

2023   **Autism Spectrum Disorder Classification** - Link
- Preprocessed the data
- Built the Convolutional Neural Network
- Trained and tested the model
- Plotted the model's performance

2022   **Pima indians diabetes classification** - Link
- Understood, processed and cleaned the dataset
- Used visualizations to describe and interpret the data
- Ensambled machine learning algorithms to get the highest accuracy

2022   **Product Cost Prediction** - Link
- Processed and concatenated multiple training batches together
- Handled outliers and missing data
- Visualized the data to show the correlation between features and the target column
- Fine-tuned machine learning algorithms by optimizing hyperparameters

Student Activities

2021   **CAT Reloaded Team** - Data science member
- Participated in machine learning and deep learning projects
- Actively engaged in team discussions and workshops
- Contributed to data cleaning, pre-processing, and modeling

2022   **CAT Reloaded Team** - HR Account Supervisor
- Managed HR Account operations by ensuring compliance and streamlining processes
- Lead and supported HR members by promoting collaboration and improving engagement
- Aligned HR strategies with business objectives by resolving member-related issues

2023   **CAT Reloaded Team** - English Supervisor
- Supervised level C1 in the English circle
- Provided leadership and support to English learning team members to enhance engagement
- Gave sessions on various topics to improve the speaking and listening skills of the attendants

Skills

Technical
- Computer Programming
- Machine Learning
- Data Analysis
- Problem Solving
- Neural Networks

Personal
- Self-motivated
- Leadership
- Communication
- Self-learning
- Presentation

Languages

- English: Proficient
- Japanese: Beginner
- Arabic: Native