

Abdulahman 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: 3.53
- Computer Programming
 - Operating Systems
 - Microprocessor Design
 - Neural Networks
 - Control Systems
 - Computer Architecture
 - Signals and Systems
 - Electronics
 - Data Structures and Algorithms
 - Thesis: Autism Spectrum Disorder Classification using Eye Tracking with ConNets
 - Advisor: Assistant professor. Sarah M. Ayyad

Student Projects

- 2023 **Autism Spectrum Disorder Classification** - [Link](#)
- Preprocessed, split and scaled the image dataset
 - Built the neural network architecture using Convolutional Neural Networks
 - Trained and tested multiple models to ensure that there were no overfitting
 - plotted the model's performance, providing insightful visualizations
- 2022 **Product Cost Prediction** - [Link](#)
- Processed and concatenated multiple training datasets together
 - Handled outliers and missing data in the trainig and testing datasets
 - Visualized the data to show the correlation between features and the target variable
 - Fine-tuned machine learning algorithms by optimizing the model's hyperparameters
- 2022 **Pima Indians Diabetes Classification** - [Link](#)
- Understood, preprocessed, split and cleaned the dataset
 - Used visualizations to describe and interpret the data, providing insightful information
 - Ensembled machine learning algorithms together to reach the highest accuracy

Student Activities

- 2023 **CAT Reloaded Team** - English Circle 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
- 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
- 2021 **CAT Reloaded Team** - Artificial Intelligence Circle Member
- Participated in machine learning and deep learning projects
 - Actively engaged in team discussions and workshops
 - Contributed to data cleaning, pre-processing, and modeling

Skills

Technical	<ul style="list-style-type: none">• Computer Programming• Machine Learning	<ul style="list-style-type: none">• Data Analysis• Problem Solving	<ul style="list-style-type: none">• Neural Networks
Interpersonal	<ul style="list-style-type: none">• Self-motivated• Leadership	<ul style="list-style-type: none">• Communication• Self-learning	<ul style="list-style-type: none">• Presentation

Languages

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