

Abdulrahman Hassan

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B.Sc. in Computer and Communication Engineering at Mansoura University. Skilled in Computer Programming, Machine Learning and Natural Language Processing, with a strong foundation in AI and Data Science.

Education

- 2019 - 2024 **B.Sc. Computer and Communication Engineering** - Mansoura University - GPA: 3.56
- 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 CNNs
 - 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 training 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 **English Circle Supervisor** - CAT Reloaded Team
- 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 **HR Account Supervisor** - CAT Reloaded Team
- 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 **Artificial Intelligence Circle Member** - CAT Reloaded Team
- 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	• Computer Programming	• Data Analysis	• Neural Networks
	• Machine Learning	• Deep Learning	• Problem Solving
Interpersonal	• Self-motivated	• Communication	• Presentation
	• Leadership	• Self-learning	• Team Work

Languages

- English: Proficient
- Arabic: Native