Abdulrahman Hassan

abdul.rahman.hassan@outlook.com • abdul-rahman-hassan.com • linkedin • GitHub •
010-1378-8526 • Mansoura, Egypt

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
- Ensambled 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	• Computer Programming • Machine Learning	• Data Analysis • Problem Solving	• Neural Networks
Interpersonal	• Self-motivated • Leadership	• Communication • Self-learning	• Presentation

Languages

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